ALTGELD HALL

Fig. 1

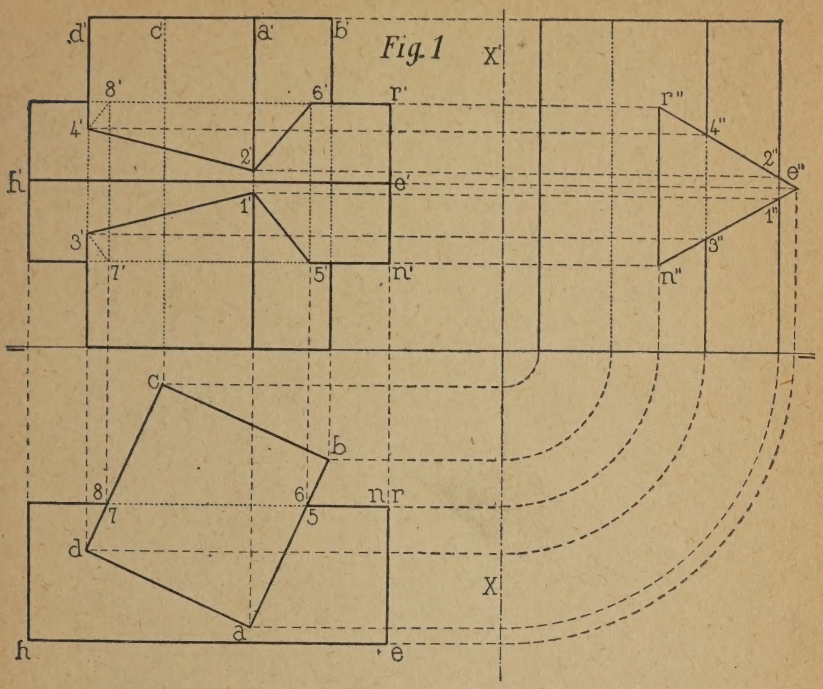
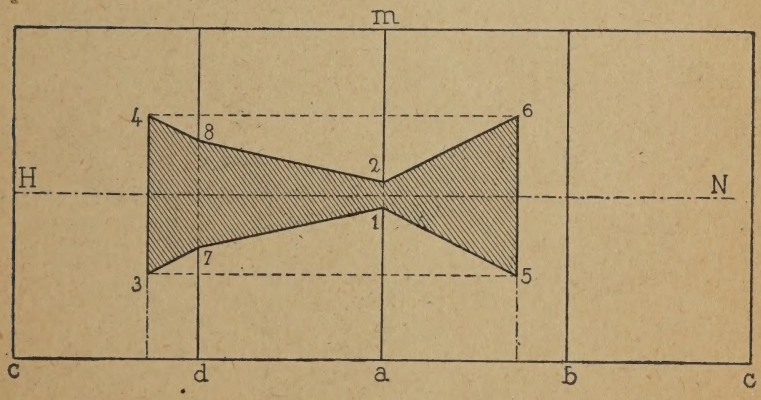


Fig. 2



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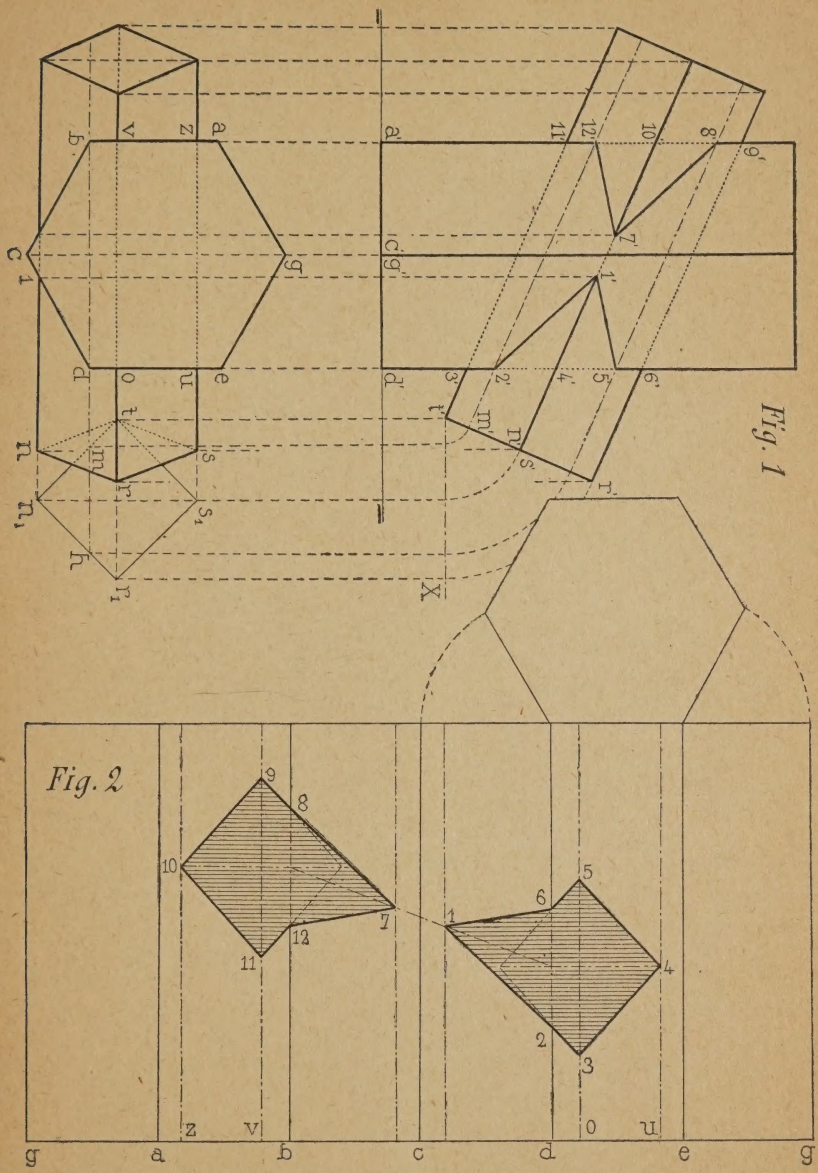
Fig. 1
Fig. 2
g
a
b
c
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g
z
v
o
u
X

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Fig. 1
v'
m'
6'
7'
8'
S'
3'
1'
2'
4'
5'
r'
n'
d'
a' c'
b'
c
r
s
d
1
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v
8
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m
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n
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Fig. 3
Fig. 2
A
B
B'
C
D
D'
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n1
s1
r1
r'1
c
d
b1
a1
d1
V

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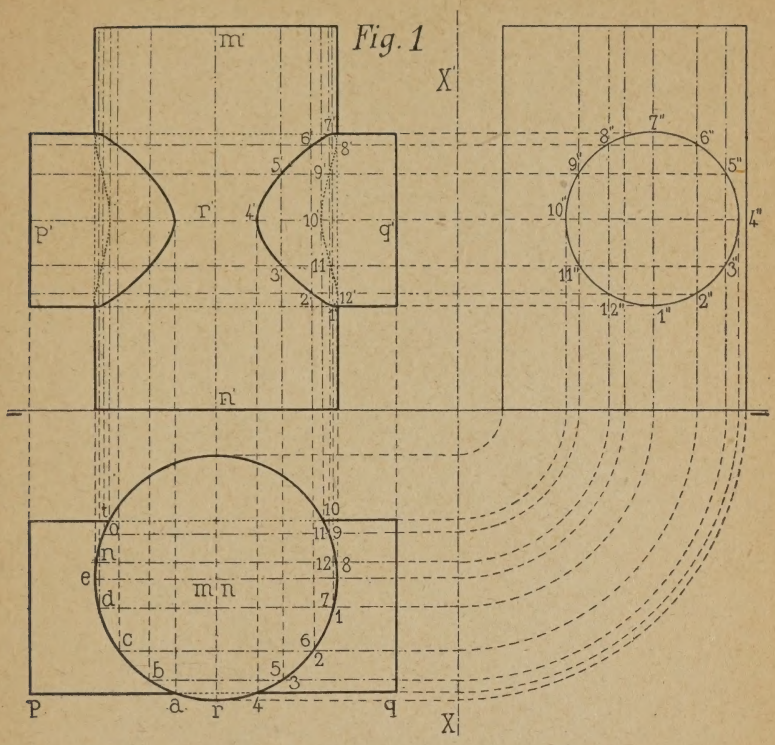
Fig. 1
m'
X'
r'
p'
q'
n'
m n
p
q
X

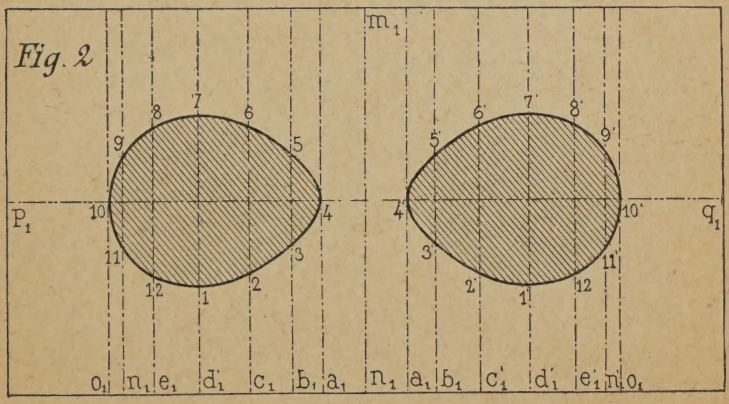
Fig. 2
m1
p1
q1
o1 n1 e1 d'1 c1 b1 a1 n1 a1 b1 c'1 d'1 e'1 n'1 o1

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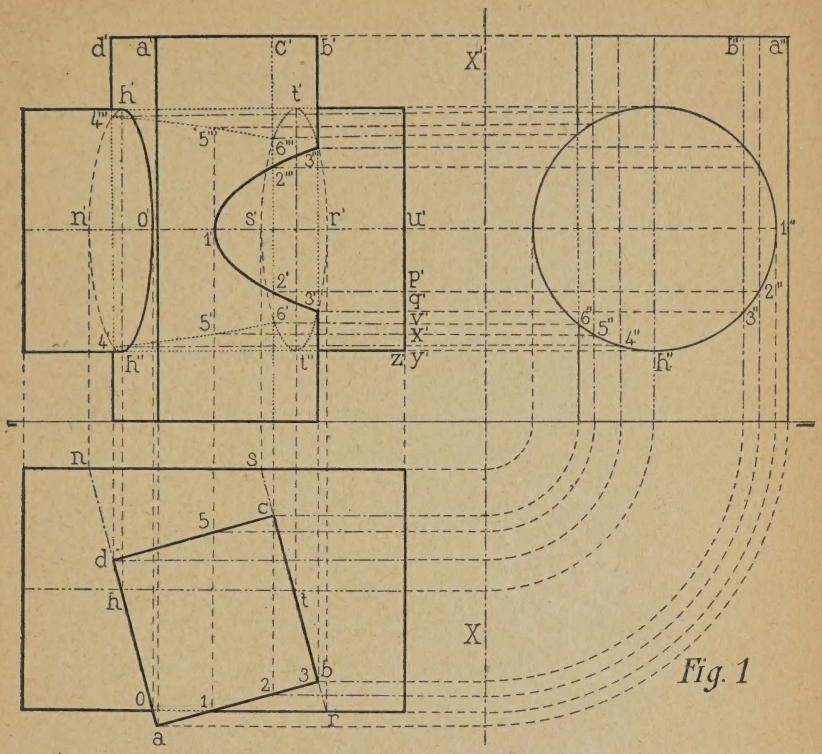
d'
a'
c'
b'
X'
b''
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h'
t'
4''
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6'''
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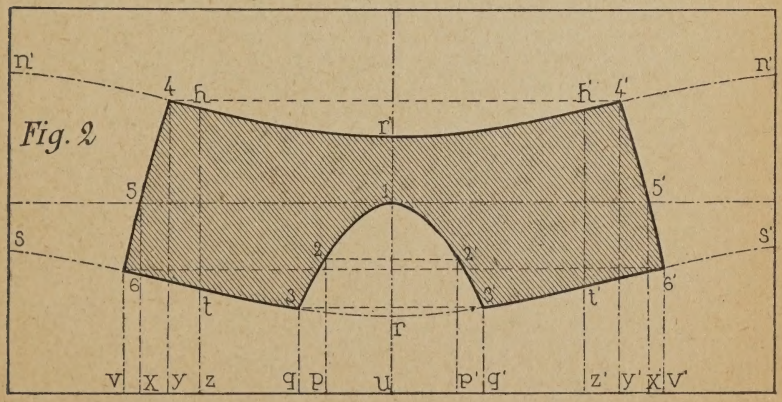
Fig. 1


n'
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v'

Fig. 2

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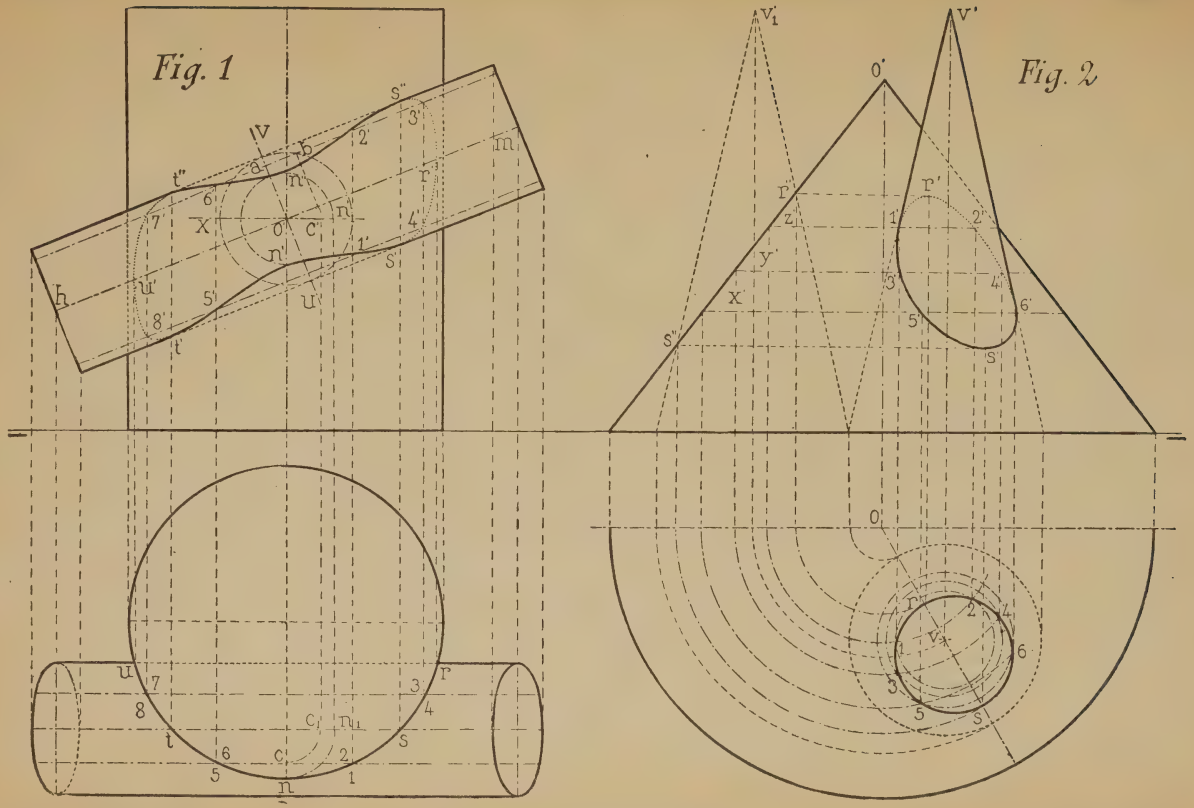
Fig. 1
Fig. 2

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Fig. 1

Fig. 3

Fig. 2

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

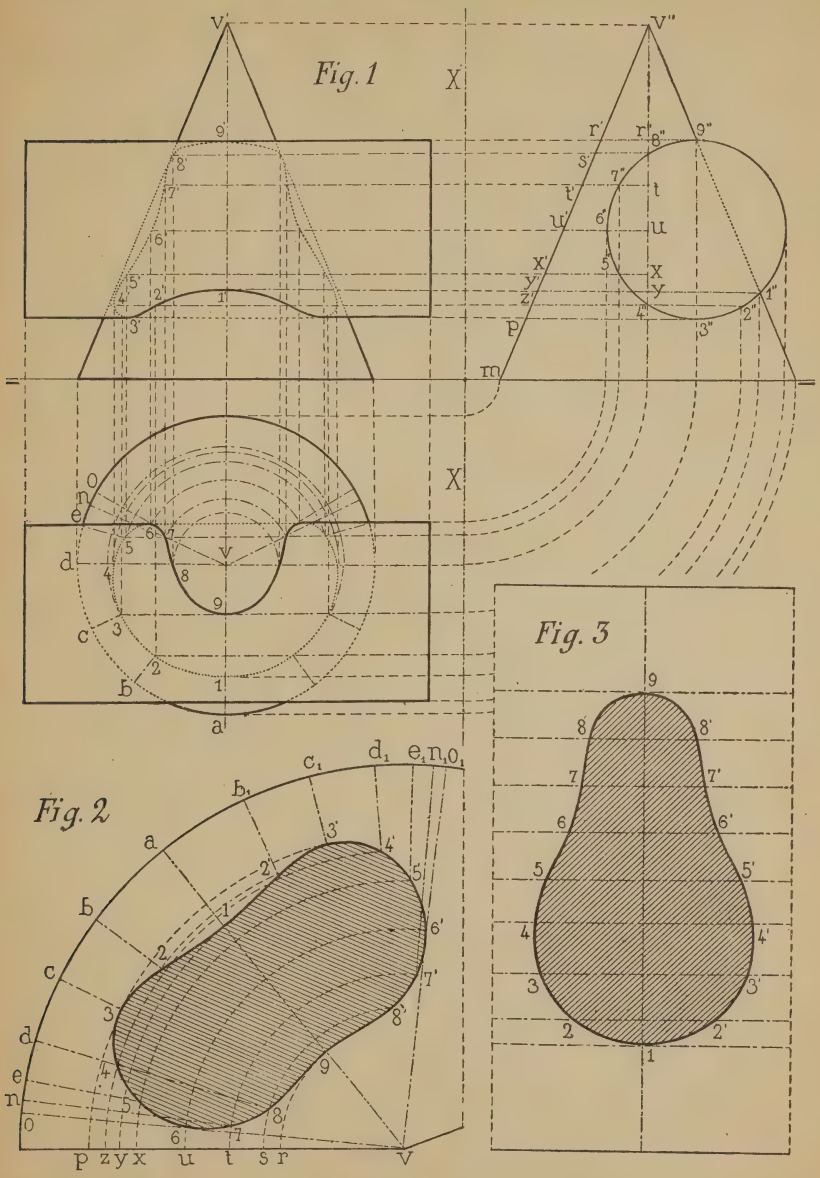
Fig. 1
Fig. 2
Fig. 3

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OF THE
UNIVERSITY OF ILLINOIS

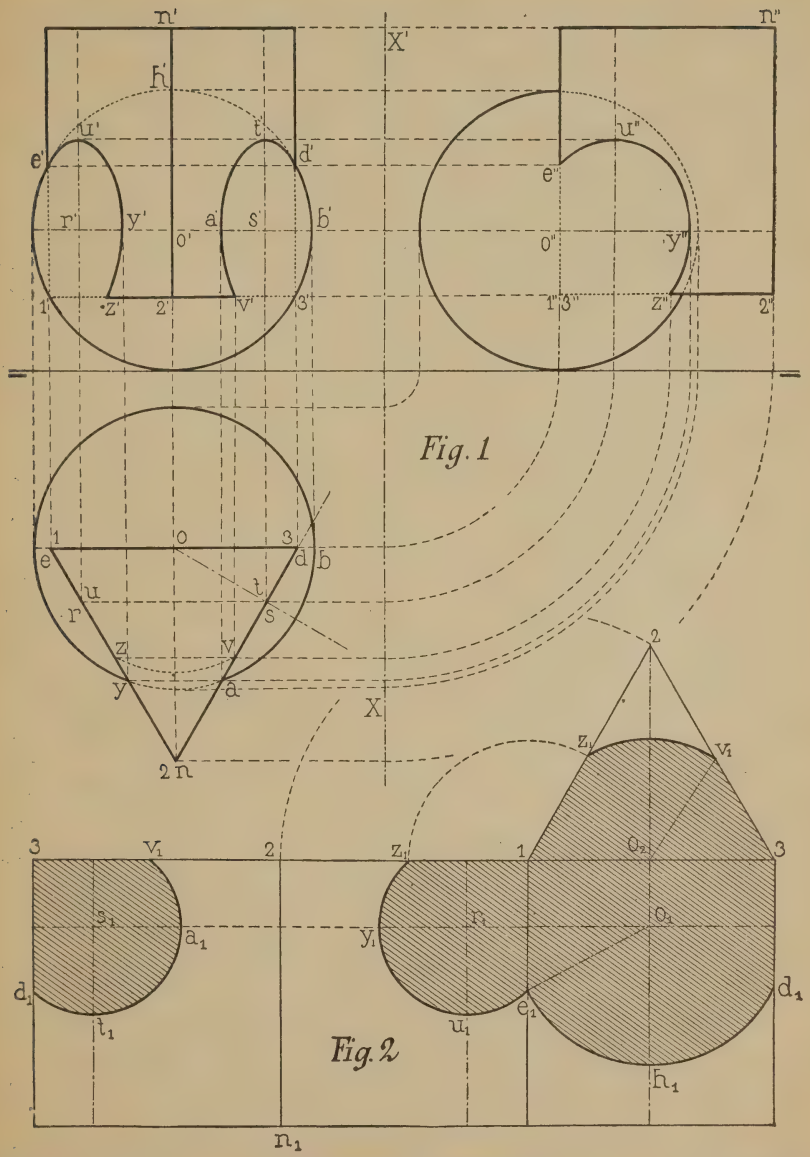
n'
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Fig. 1
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3
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y₁
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o₁
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Fig. 2
n₁

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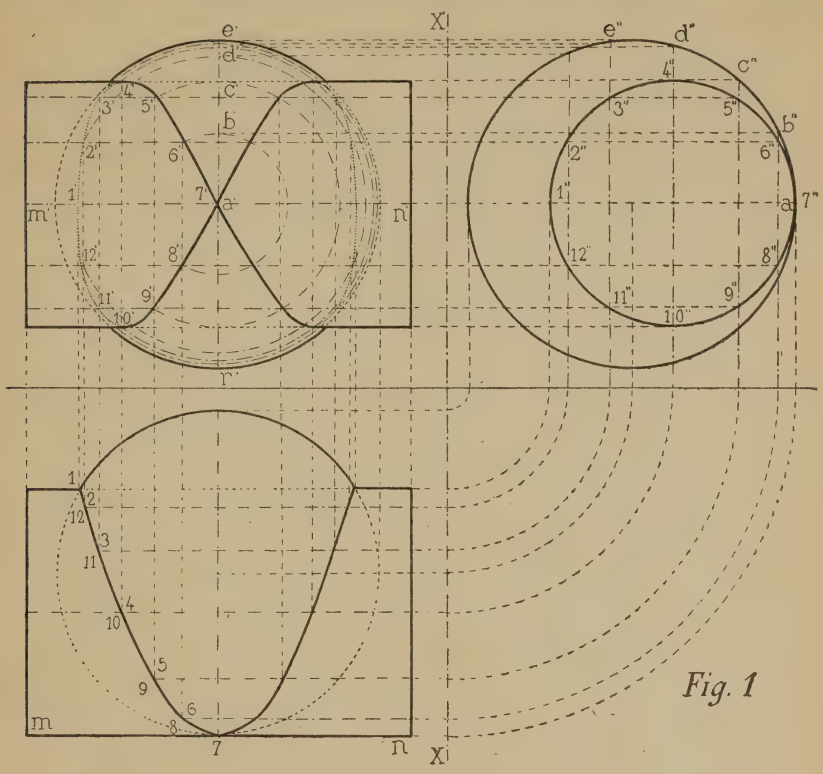

Fig. 1

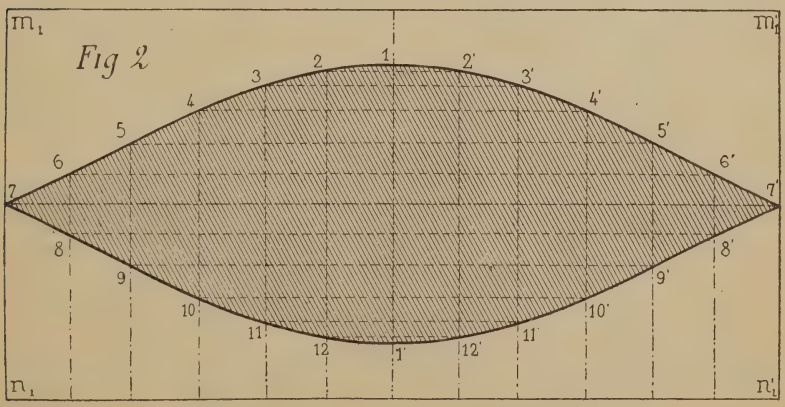

Fig 2

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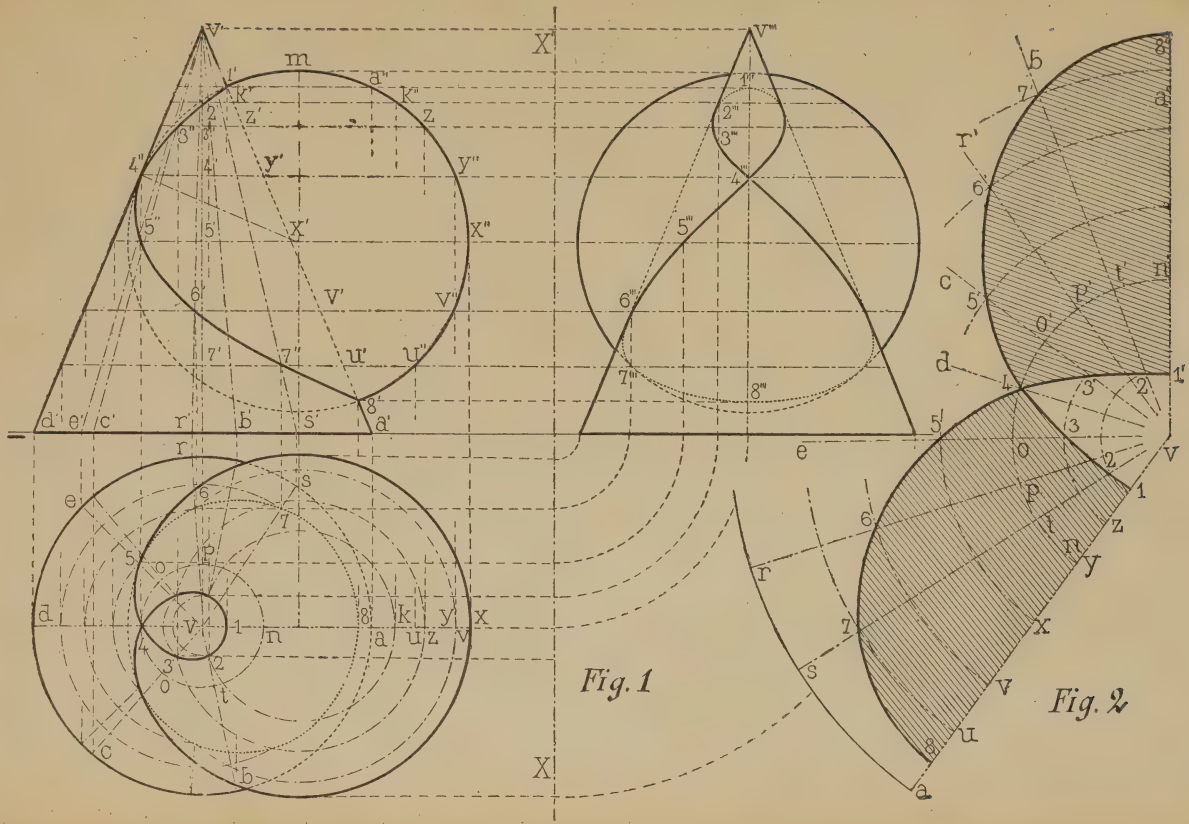
Fig. 1
Fig. 2

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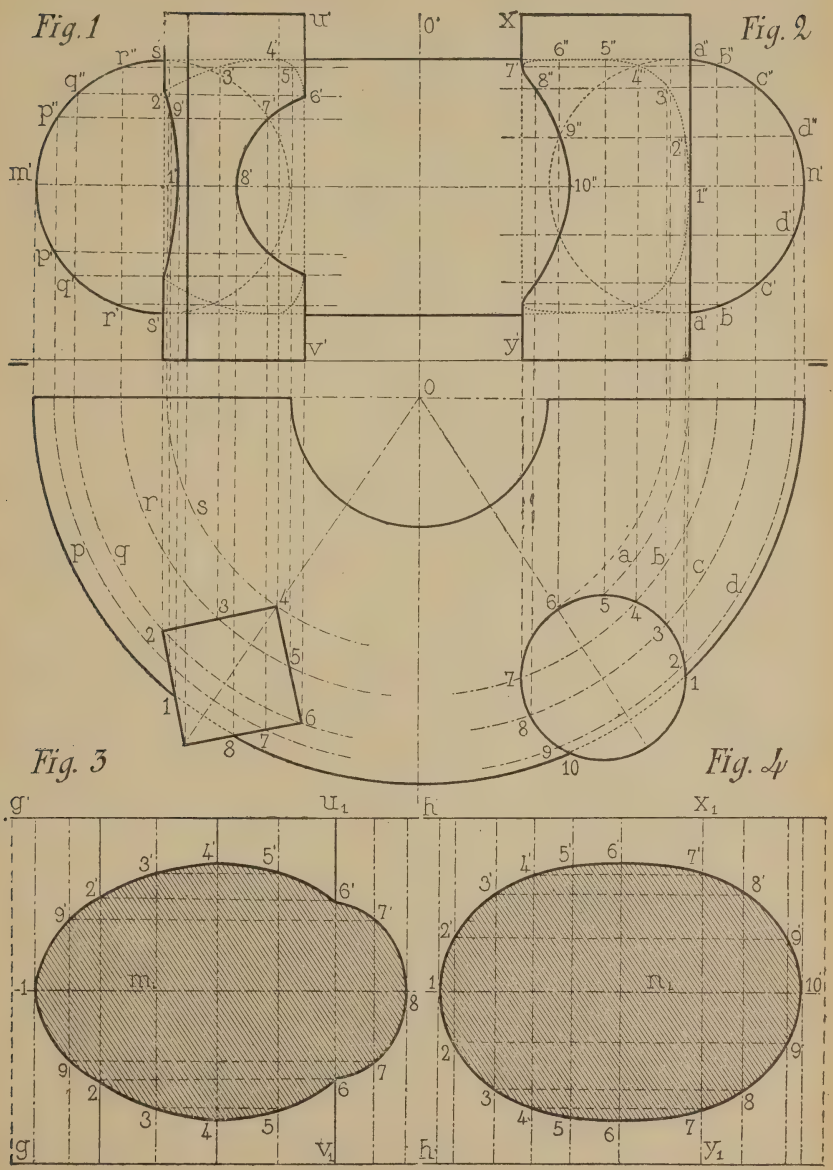
Fig. 1
Fig. 2
Fig. 3
Fig. 4

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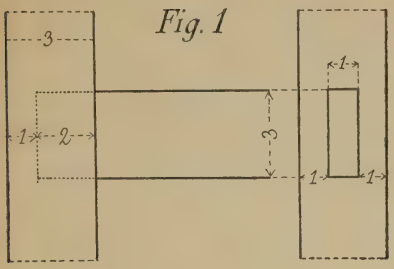

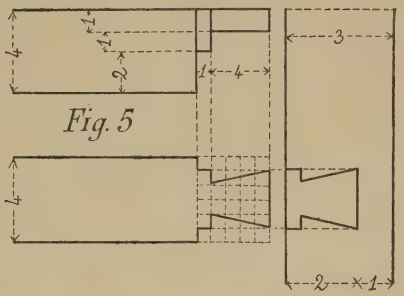

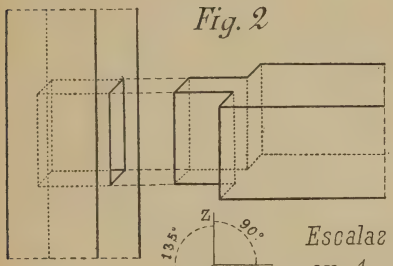

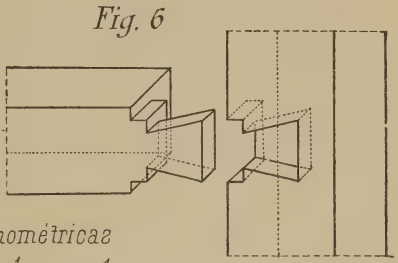

Escalas axonométricas

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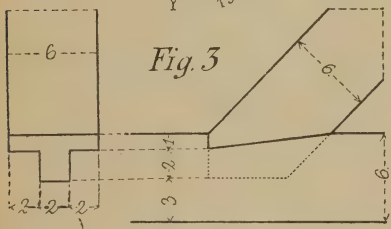

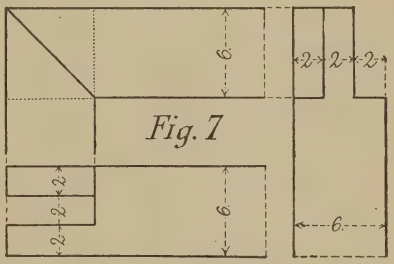

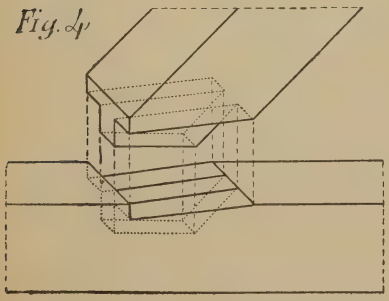

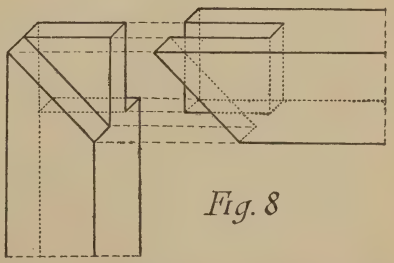

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Fig. 1

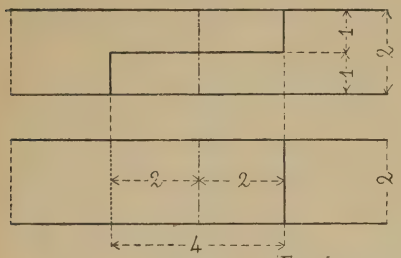


Fig. 5

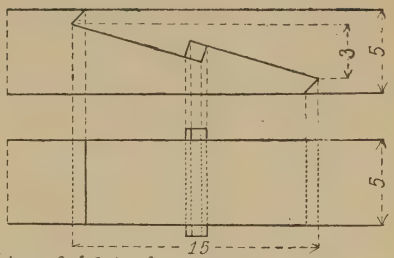
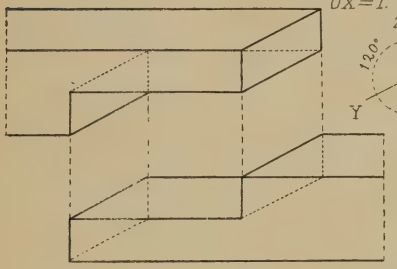


Fig. 2



Escalas axonométricas figs. 2, 4 y 6
OX = 1. OY = 1. OZ = 1

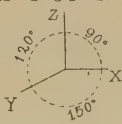
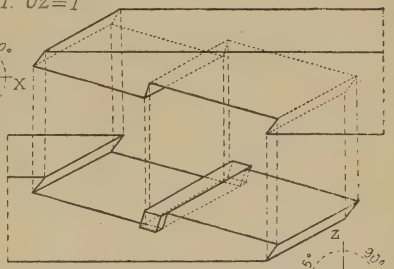


Fig. 6



Escalas axonométricas de las figs. 8 y 10
OX = 1. OY = 2/3. OZ = 1.

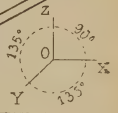


Fig. 3

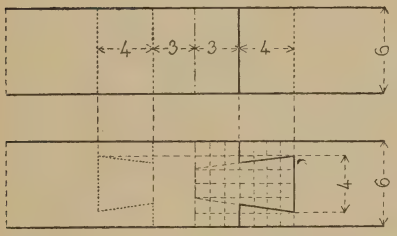


Fig. 4

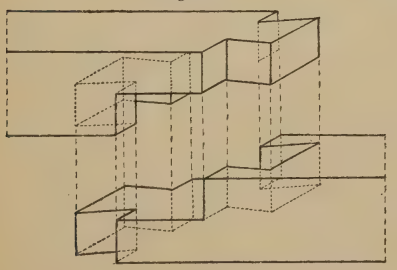


Fig. 10

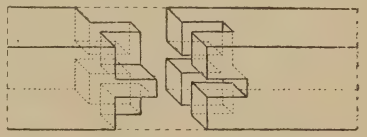


Fig. 9

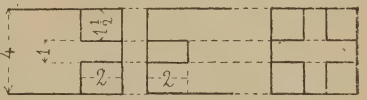


Fig. 8

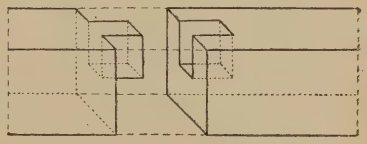


Fig. 7

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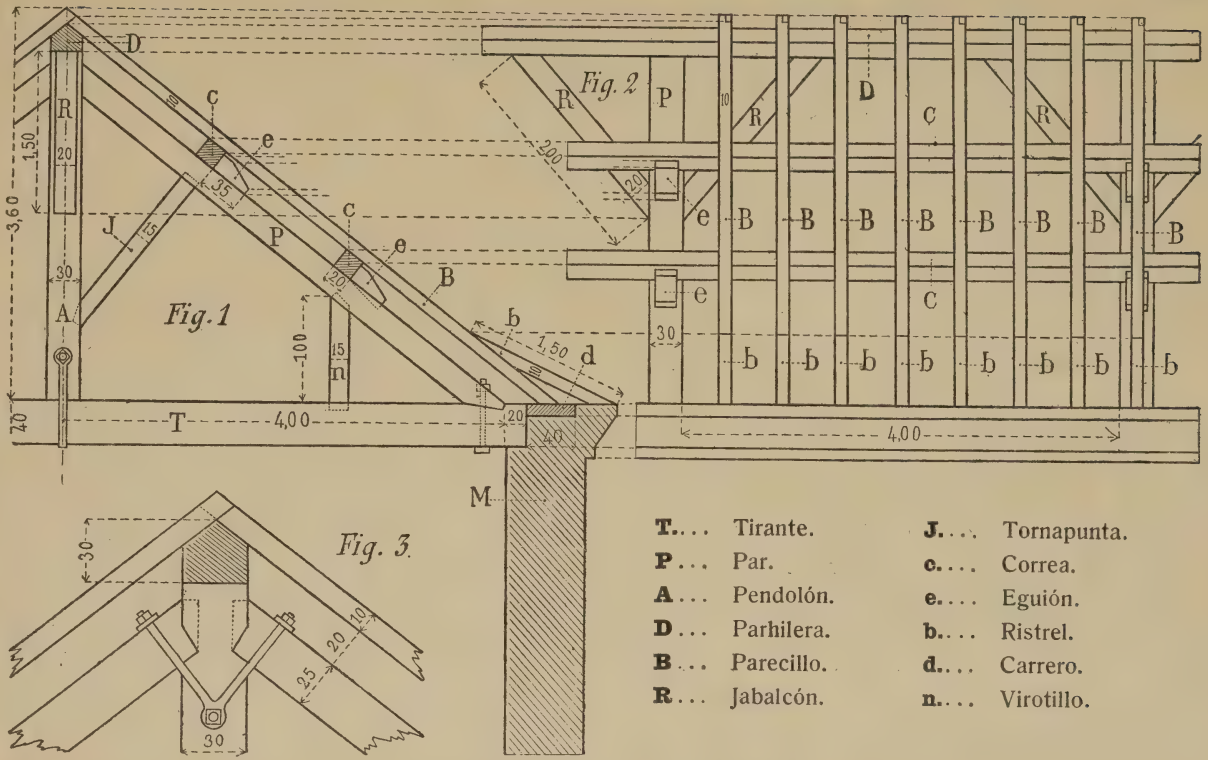

T... Tirante.
P... Par.
A... Pendolón.
D... Parhilera.
B... Parecillo.
R... Jabalcón.
J... Tornapunta.
c... Correa.
e... Eguión.
b... Ristrel.
d... Carrero.
n... Virotillo.

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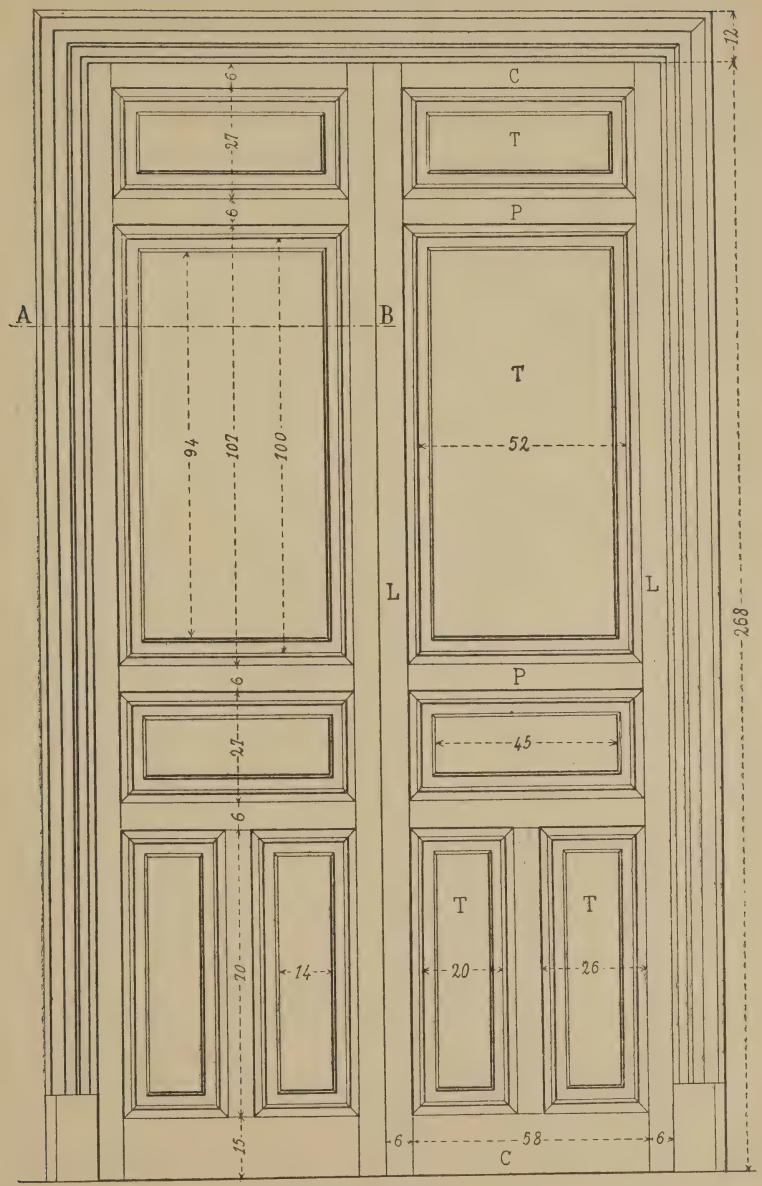

Escala 0,055 por metro

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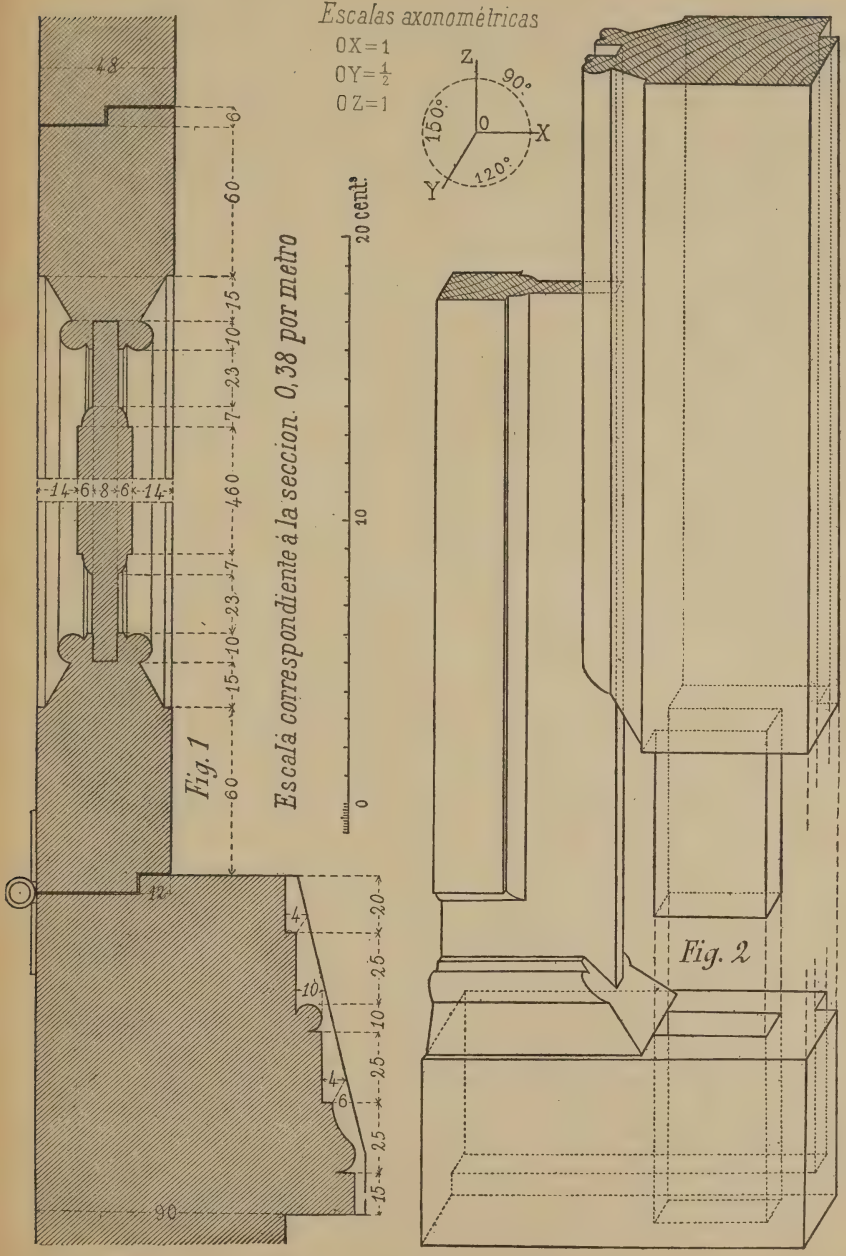
Escalas axonométricas
OX=1
OY=½
OZ=1
Z
90°
150°
0
X
120°
Y
20 cent.ª
10
0
Escala correspondiente á la seccion. 0,38 por metro
Fig. 1
Fig. 2

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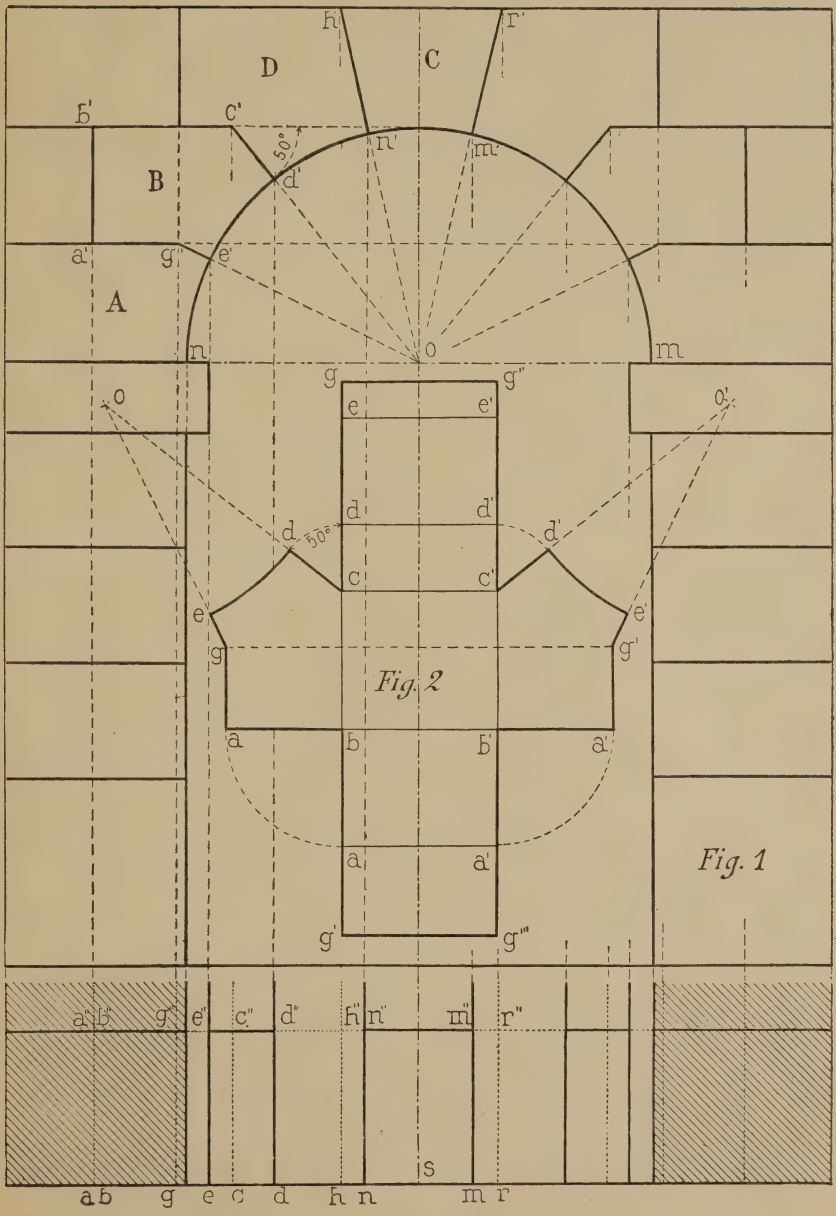

A
B
C
D
50°
50°
Fig. 2
Fig. 1
s

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

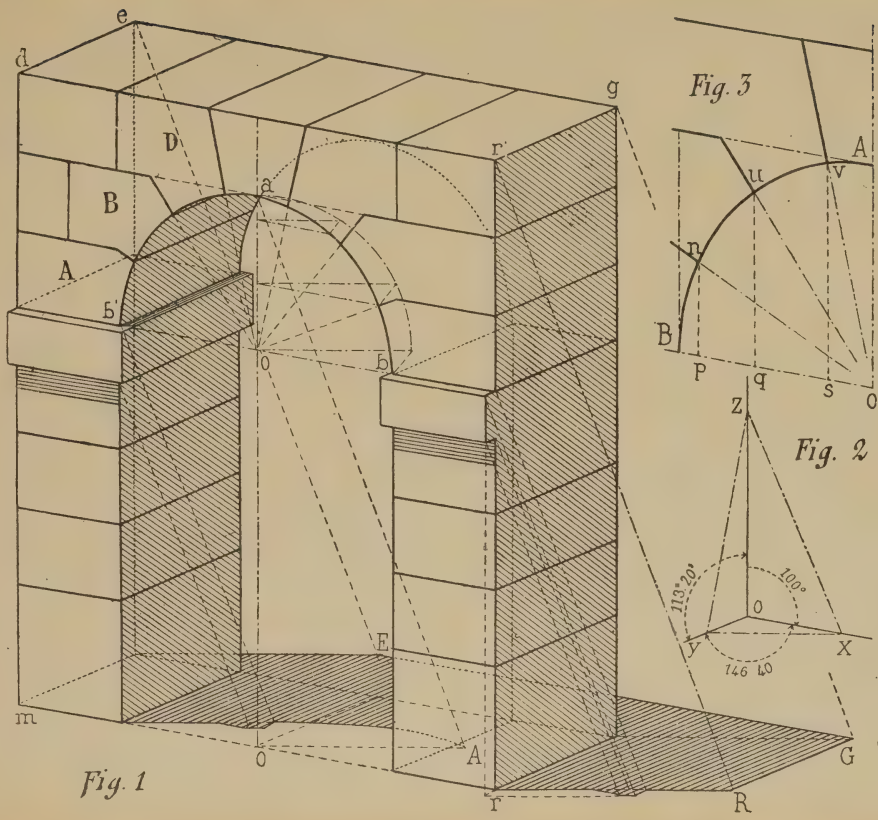
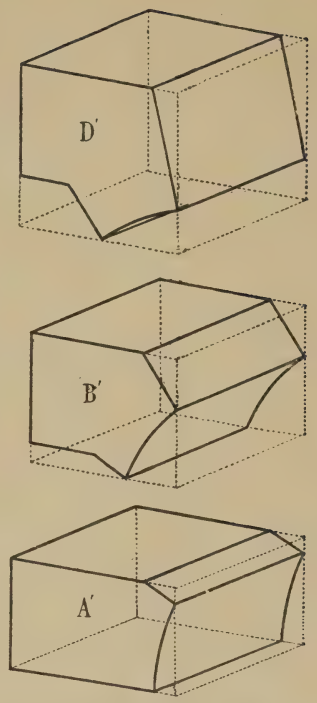


Fig. 1

Fig. 3

Fig. 2



Coeficiente de reduccion X = 0,854
id ..... id ..... Y = 0,593
id ..... id ..... Z = 0,965

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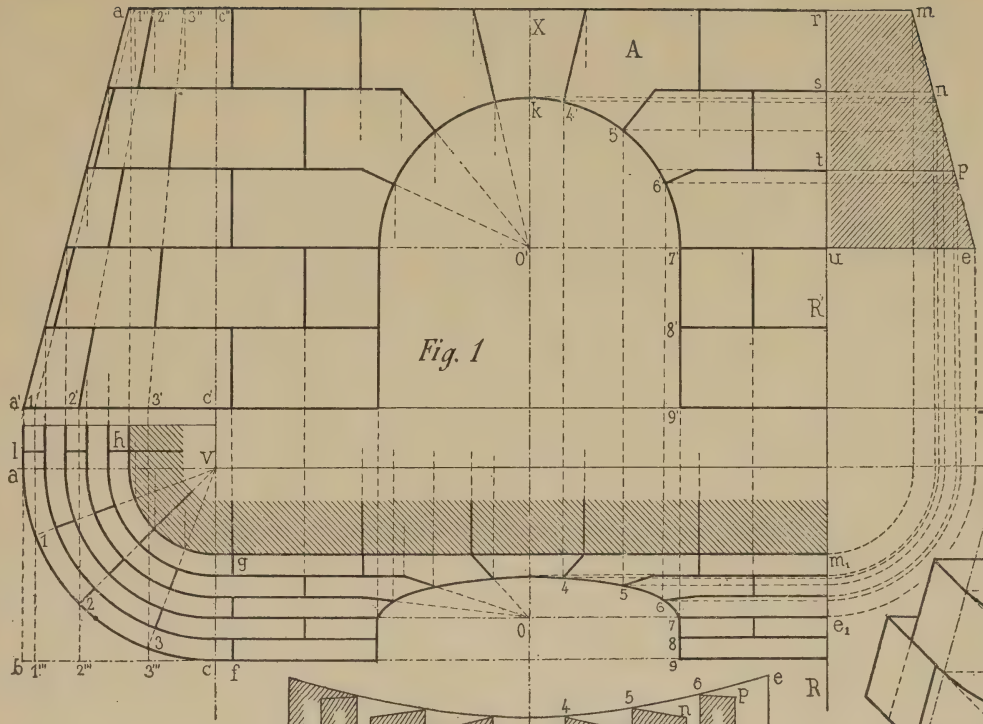
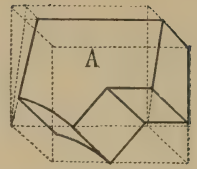


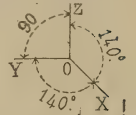


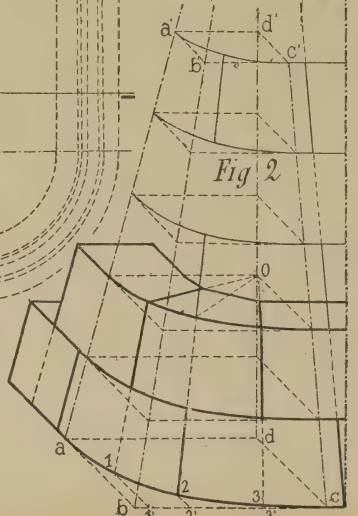
Escalas axonométricas

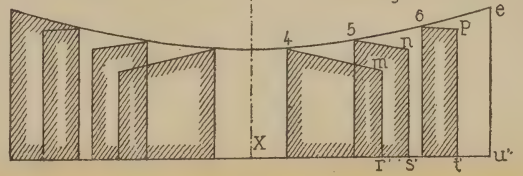
$OX = \frac{1}{2}$

$OY = 1$

$OZ = 1$







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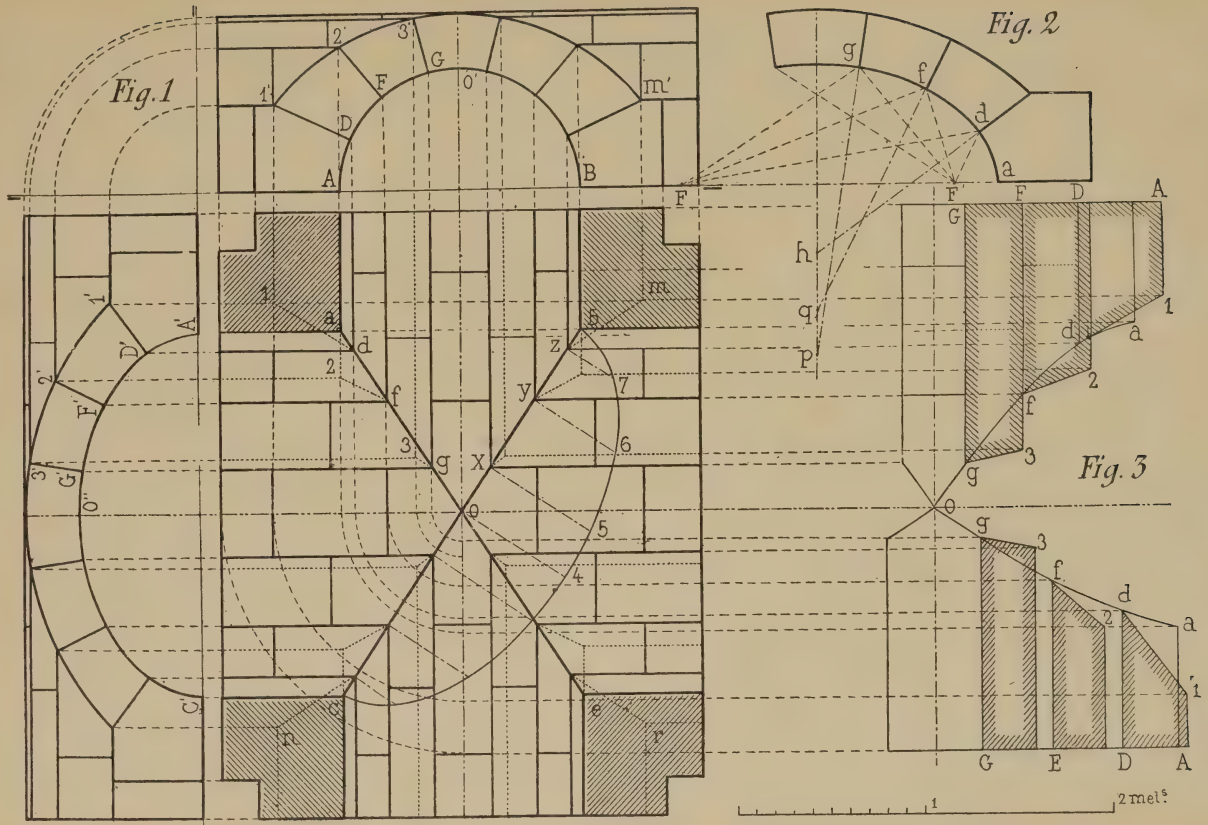
Fig. 1
Fig. 2
Fig. 3
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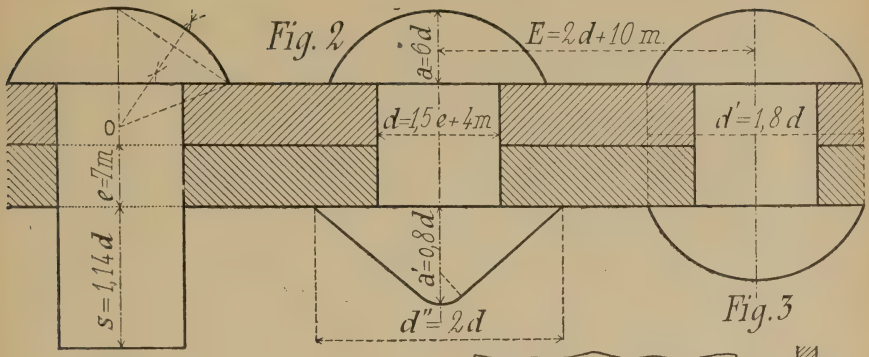
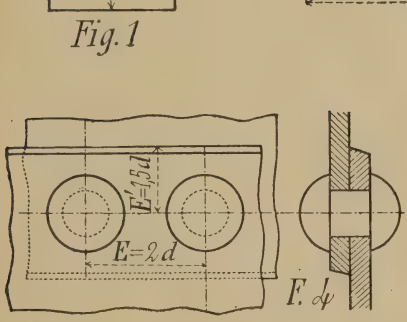
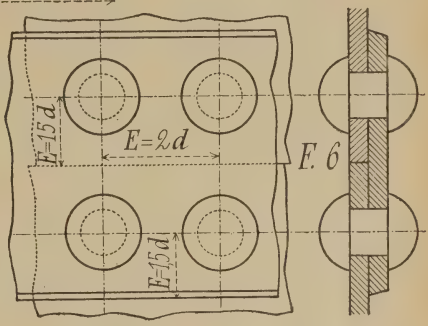
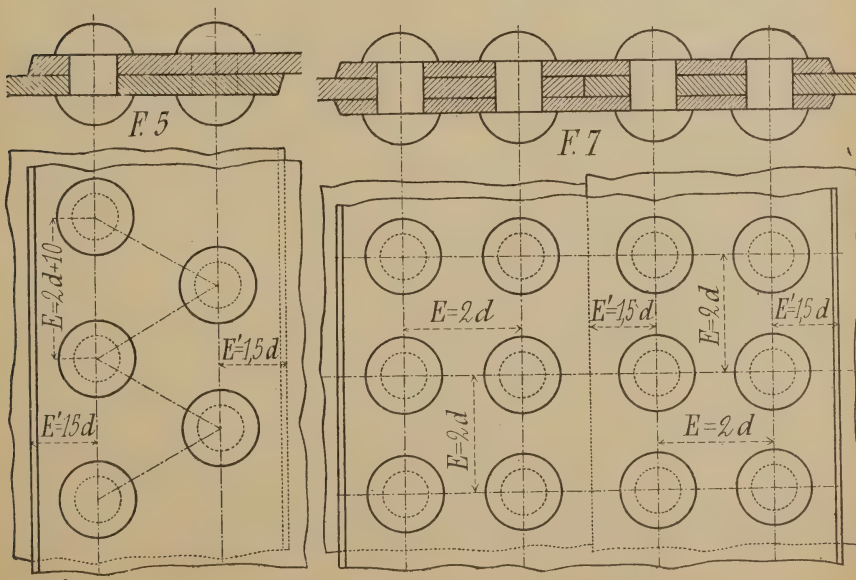


Fig. 2
a=6d
E=2d+10 m.
d=1,5 e+4m
d'=1,8 d
e=7m.
s=1,14 d
a'=0,8 d
d''=2d
Fig. 1
Fig. 3


E'=1,5d
E=2d
F. 4


E'=1,5 d
E=2d
E'=1,5 d
F. 6


F. 5
F. 7
E=2d+10
E'=1,5 d
E'=1,5 d
E=2d
E'=1,5 d
E=2d
E'=1,5 d
E=2d
E=2d

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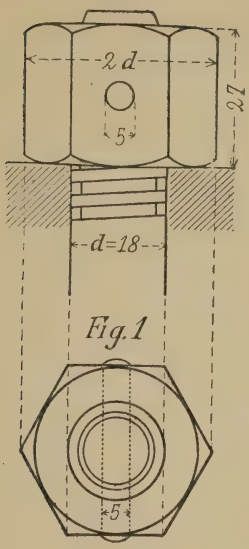

Fig. 1

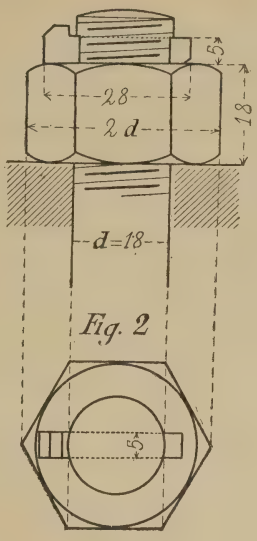

Fig. 2

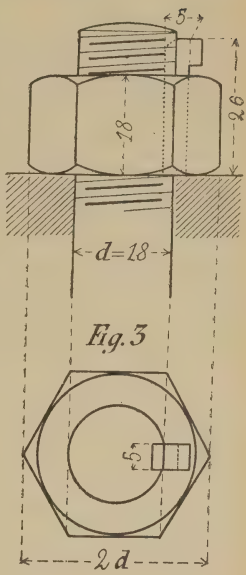

Fig. 3

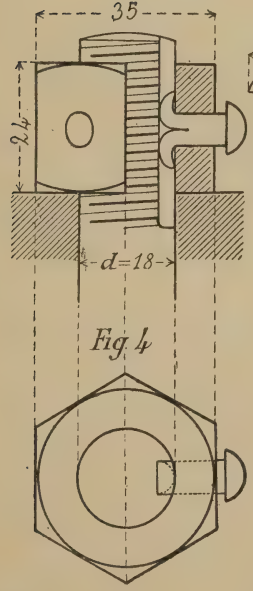

Fig. 4

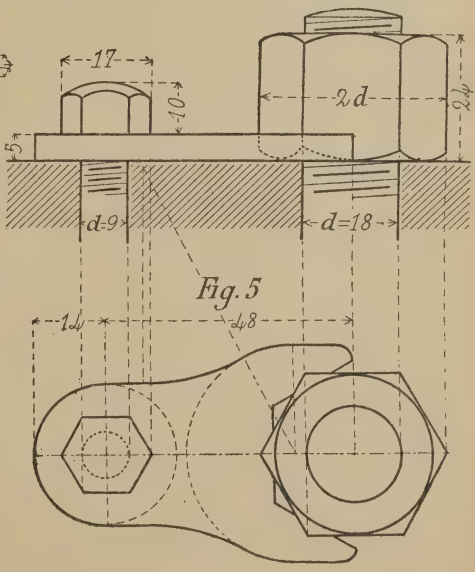

Fig. 5

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Fig. 3
Fig. 1
Fig. 4
Fig. 2
B
A

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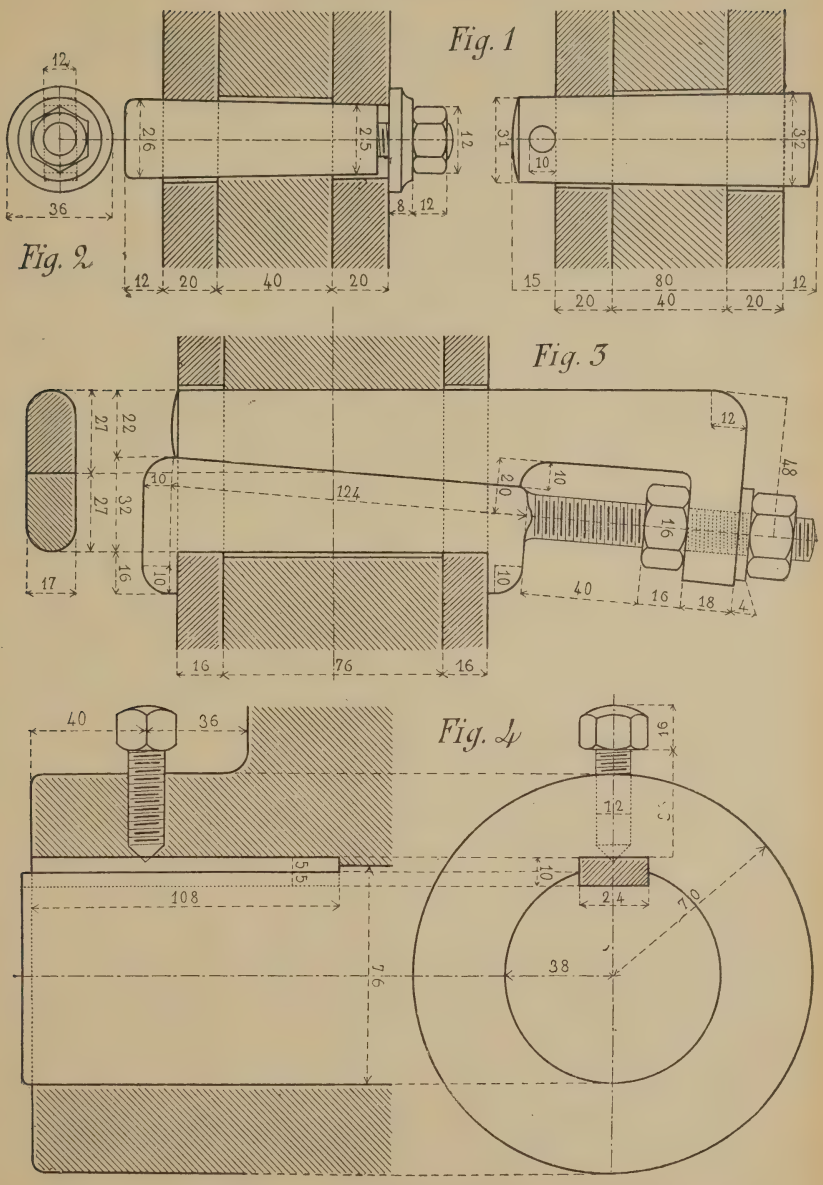
Fig. 1
Fig. 2
Fig. 3
Fig. 4
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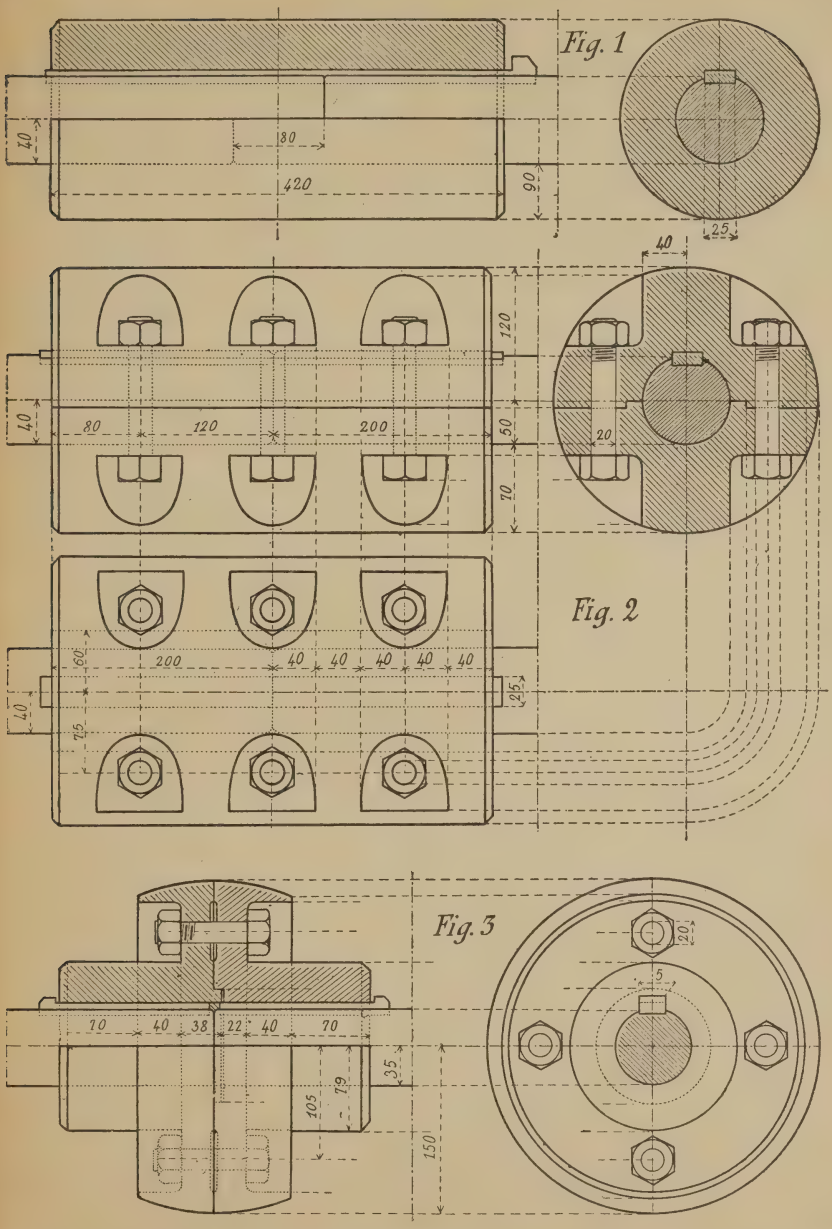
Fig. 1
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Fig. 2
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Fig. 3
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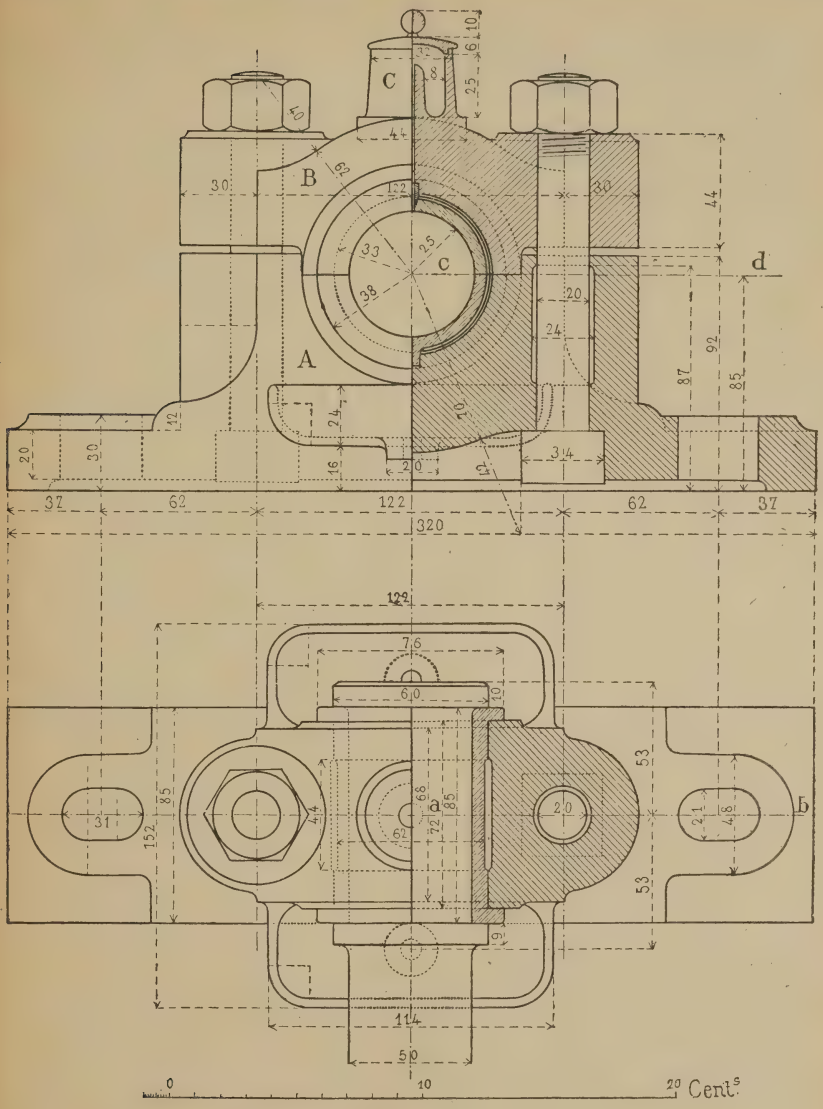
C
B
A
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a
b
0
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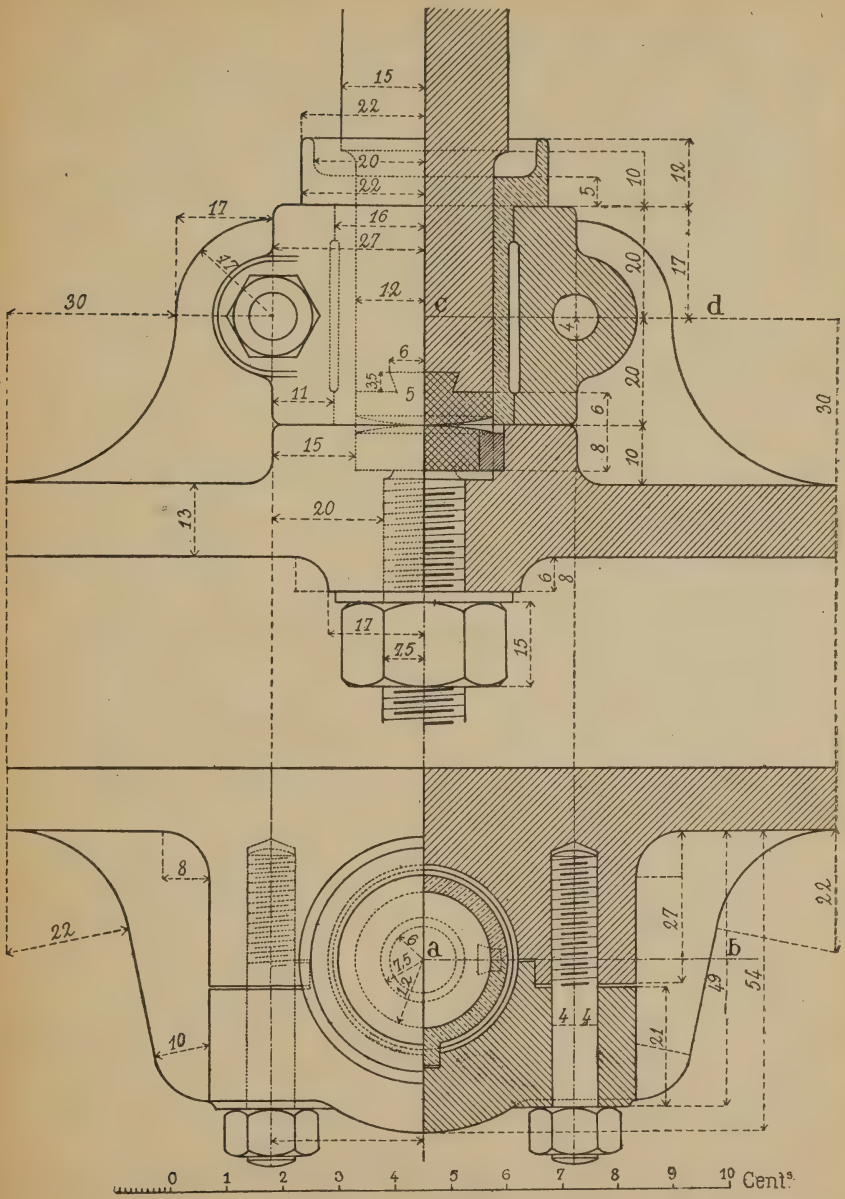

Sucesores de Hernando. **Trazado de órganos de máquinas.** *A. Commelerán dib.º*

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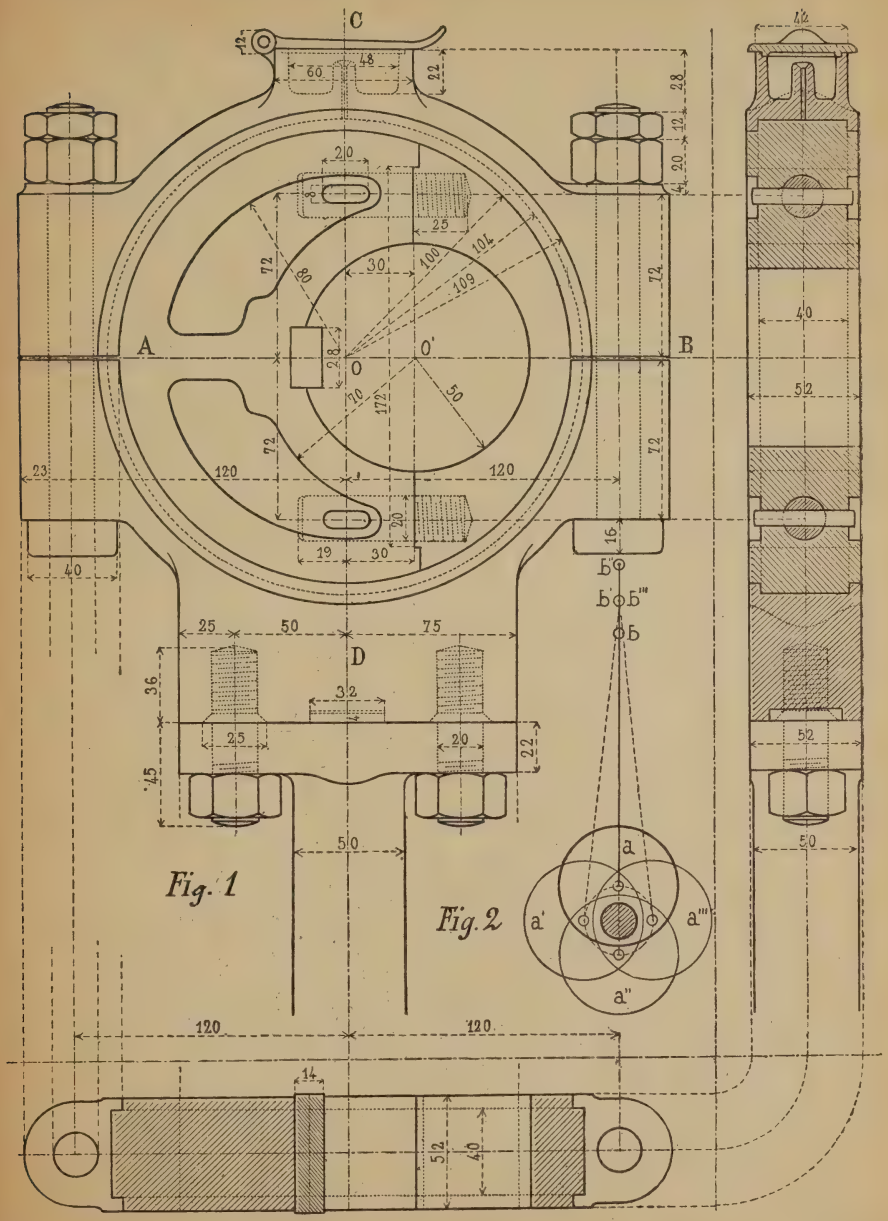
C
A
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Fig. 1
Fig. 2

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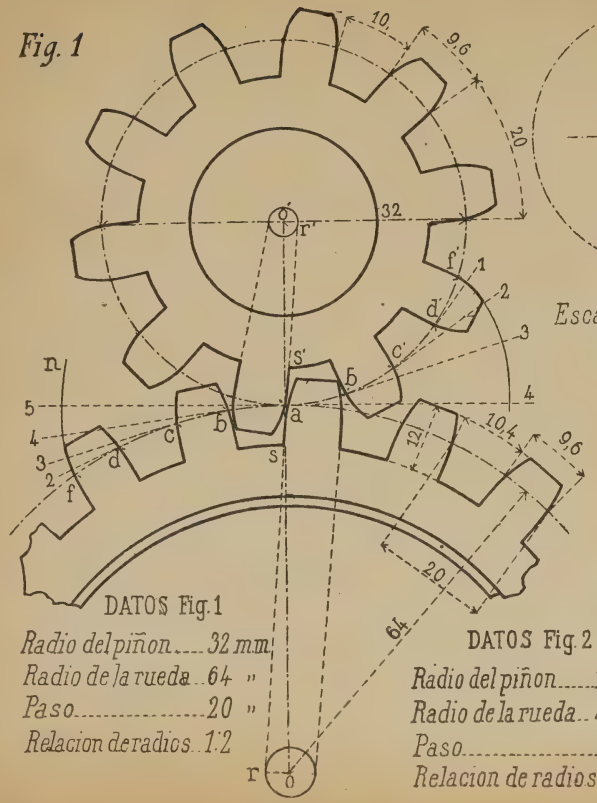
Fig. 1



DATOS Fig. 1

Radio del piñon ..... 32 m.m.
Radio de la rueda .. 64 "
Paso ..... 20 "
Relacion de radios .. 1:2

Escala 75/100

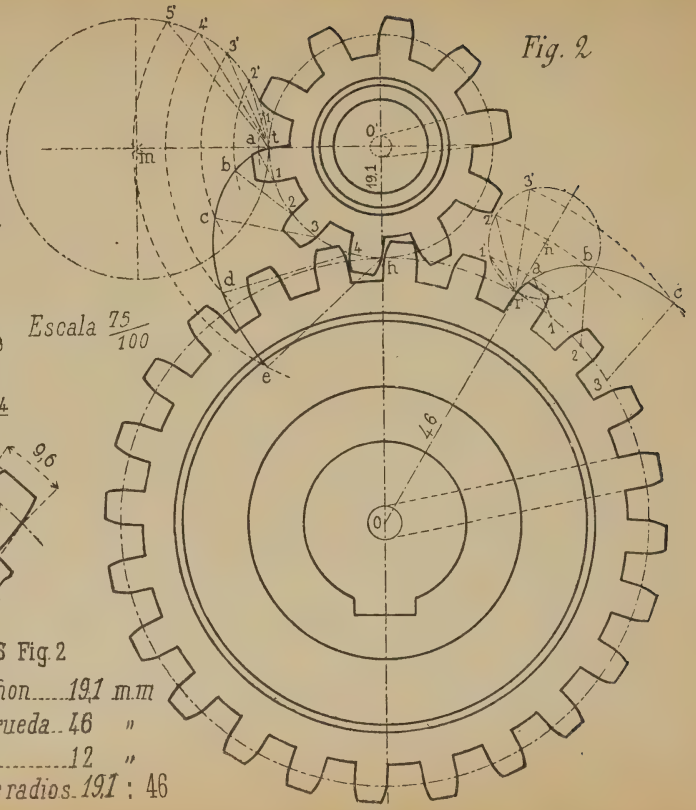


Fig. 2

DATOS Fig. 2

Radio del piñon ..... 19,1 m.m
Radio de la rueda .. 46 "
Paso ..... 12 "
Relacion de radios .. 19,1 : 46

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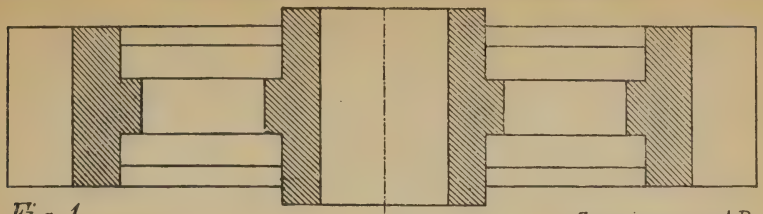

Fig. 1 *Seccion por AB*

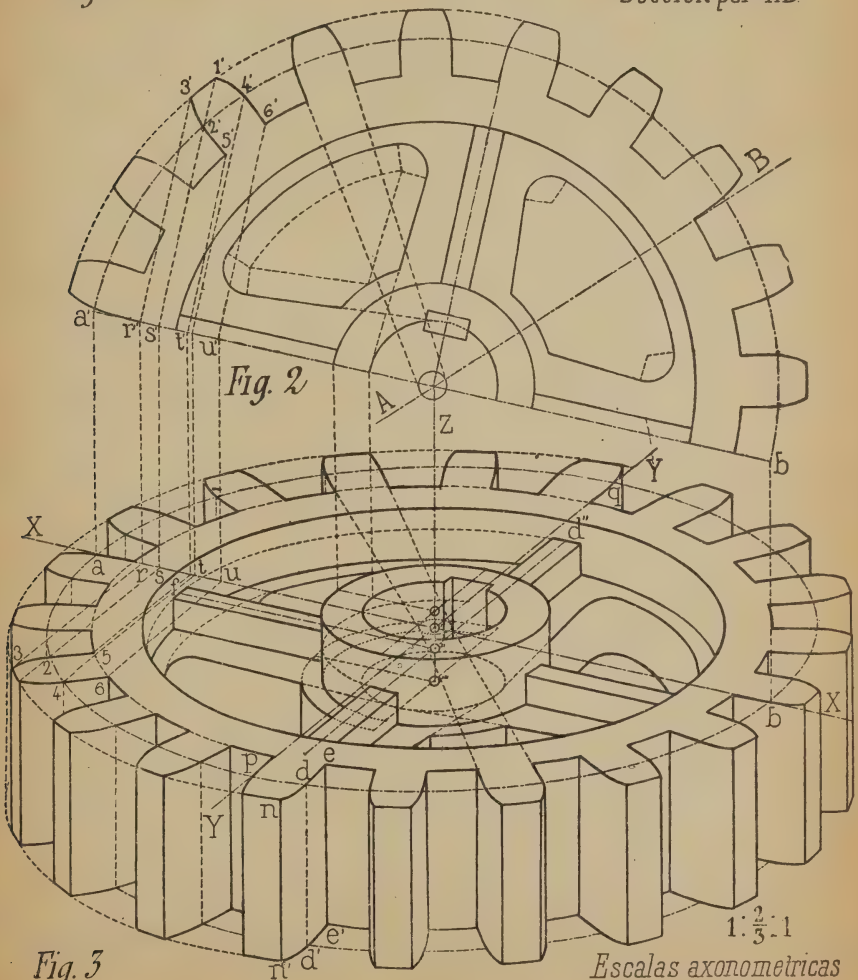

Fig. 2

Fig. 3 *Escalas axonometricas*

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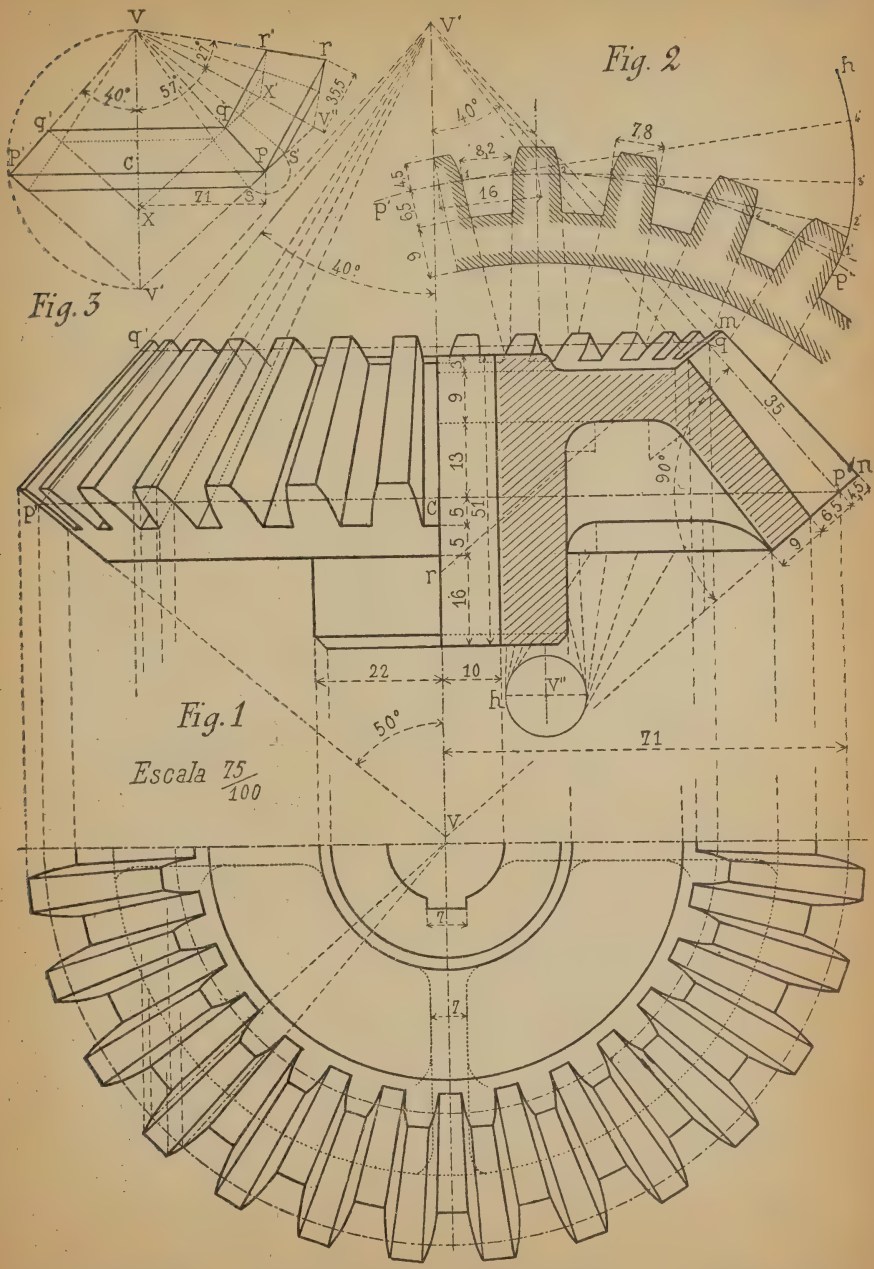
Fig. 1
Escala 75/100
Fig. 2
Fig. 3
V
V'
V''
r
r'
q
q'
p
p'
c
s
s'
X
X'
40°
57°
27°
35,5
71
8,2
7,8
16
4,5
6,5
9
35
90°
13
5
51
22
10
50°
7
h
h'
m
n

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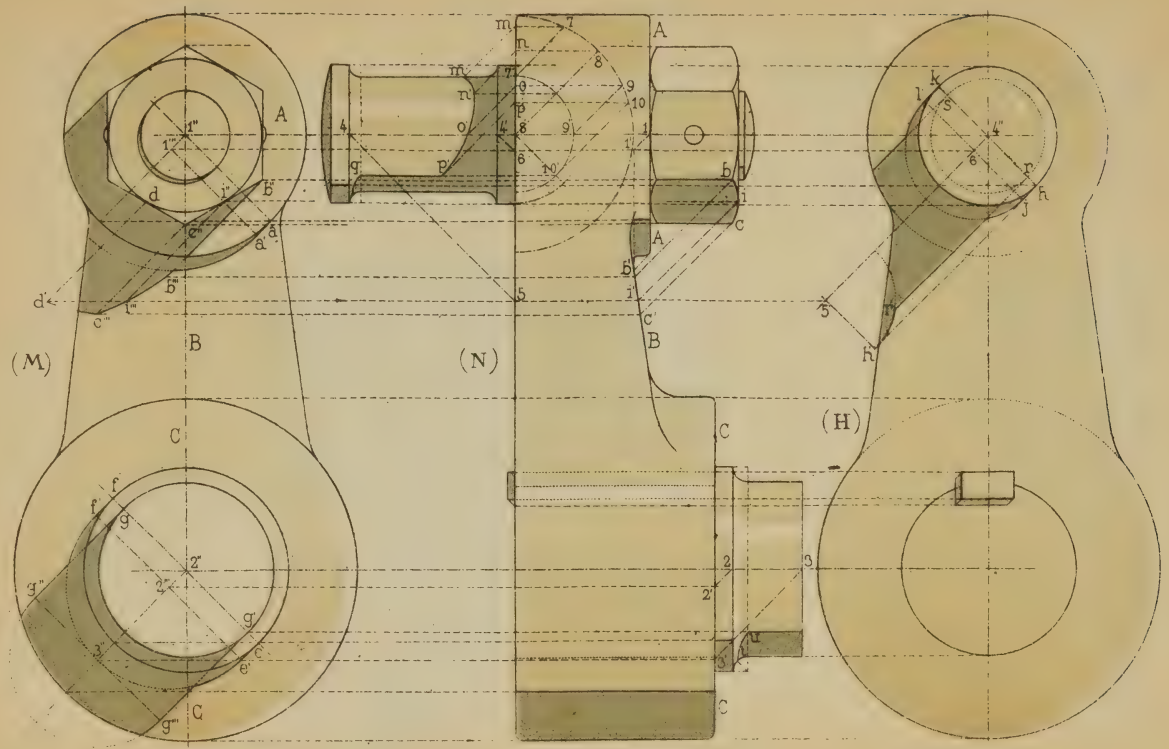

Trazado de sombras

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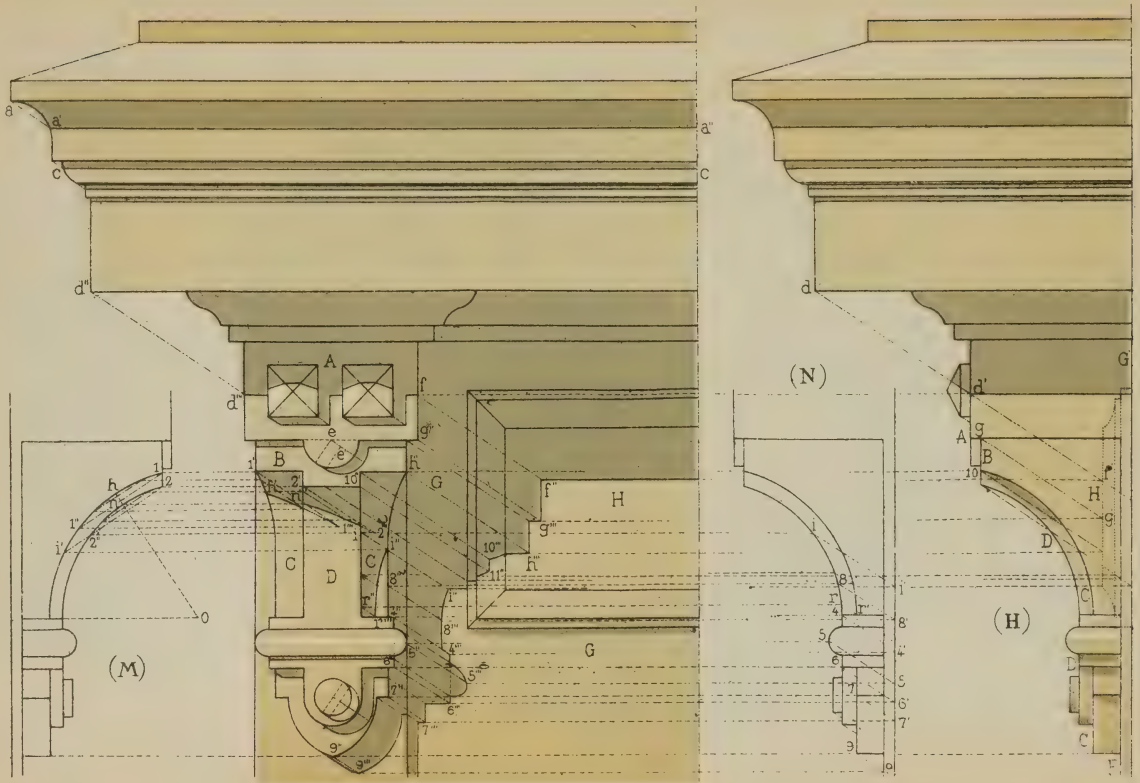

Trazado de sombras

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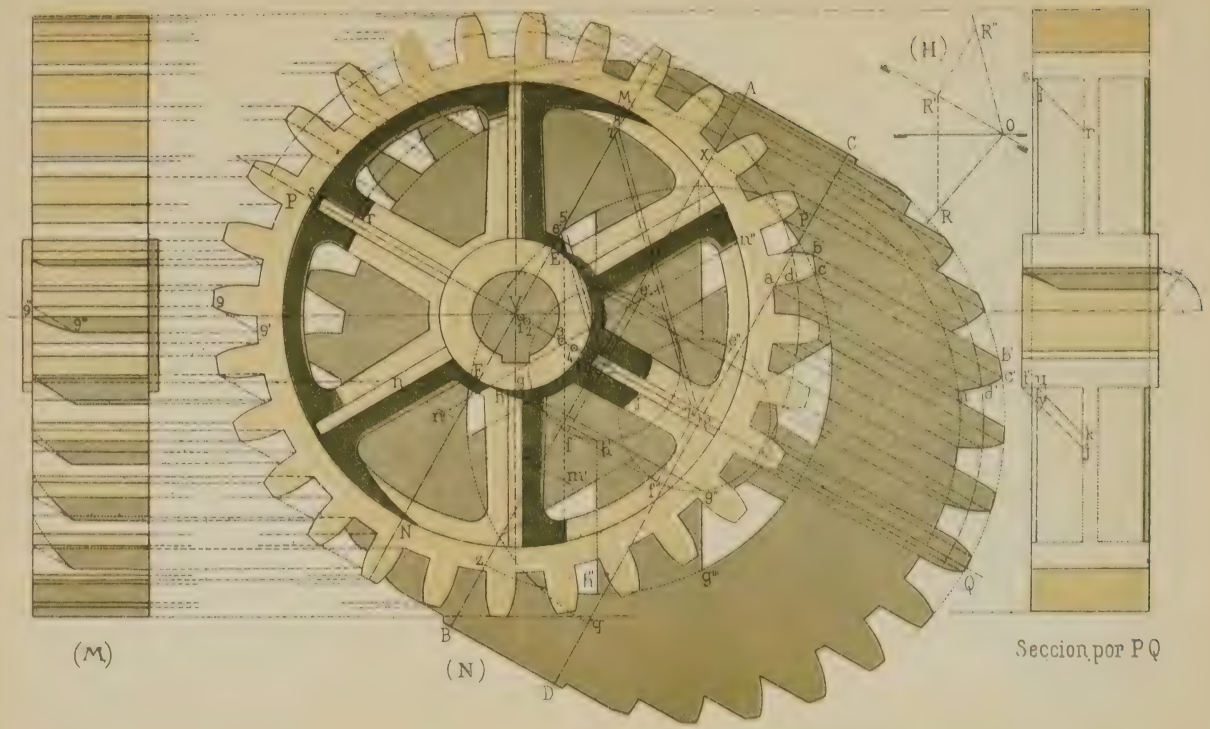

Trazado de sombras

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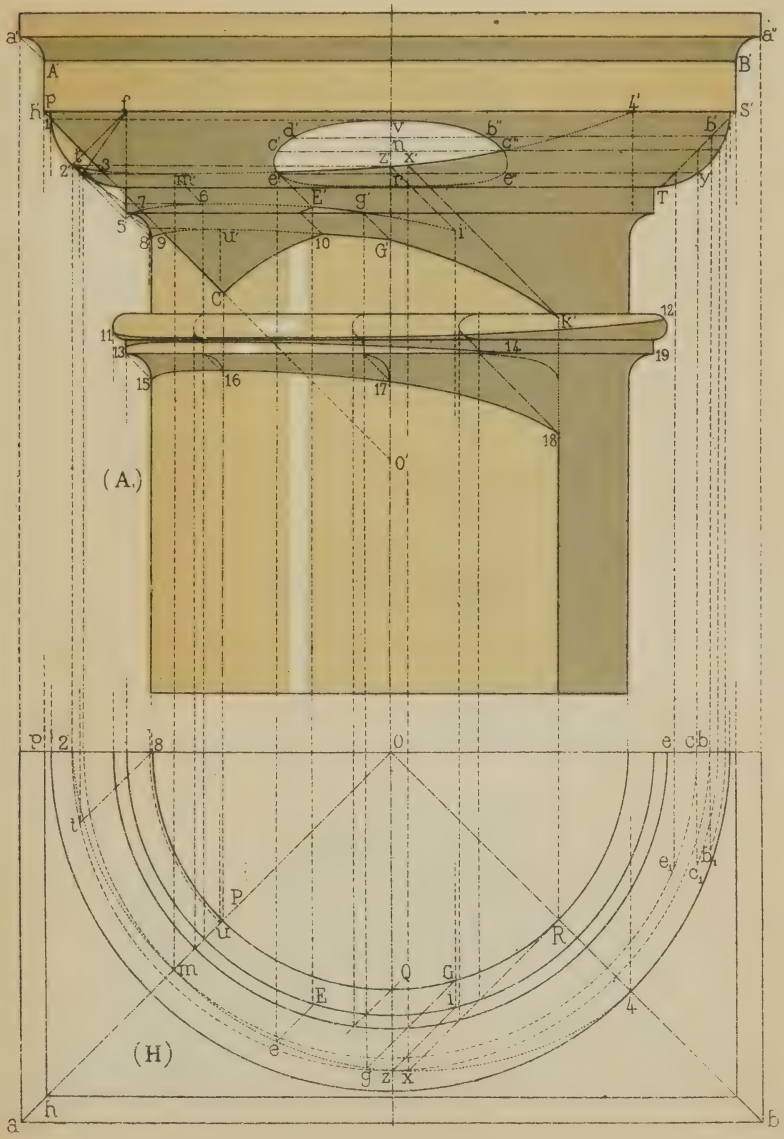

Trazado de sombras

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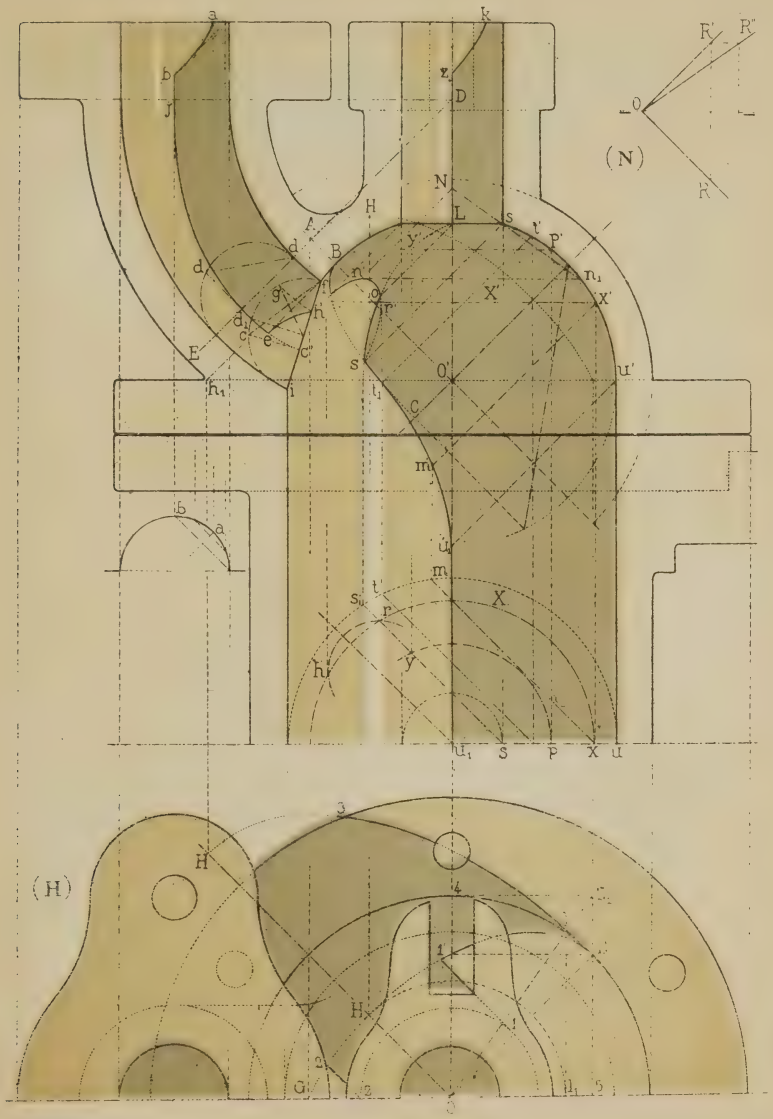

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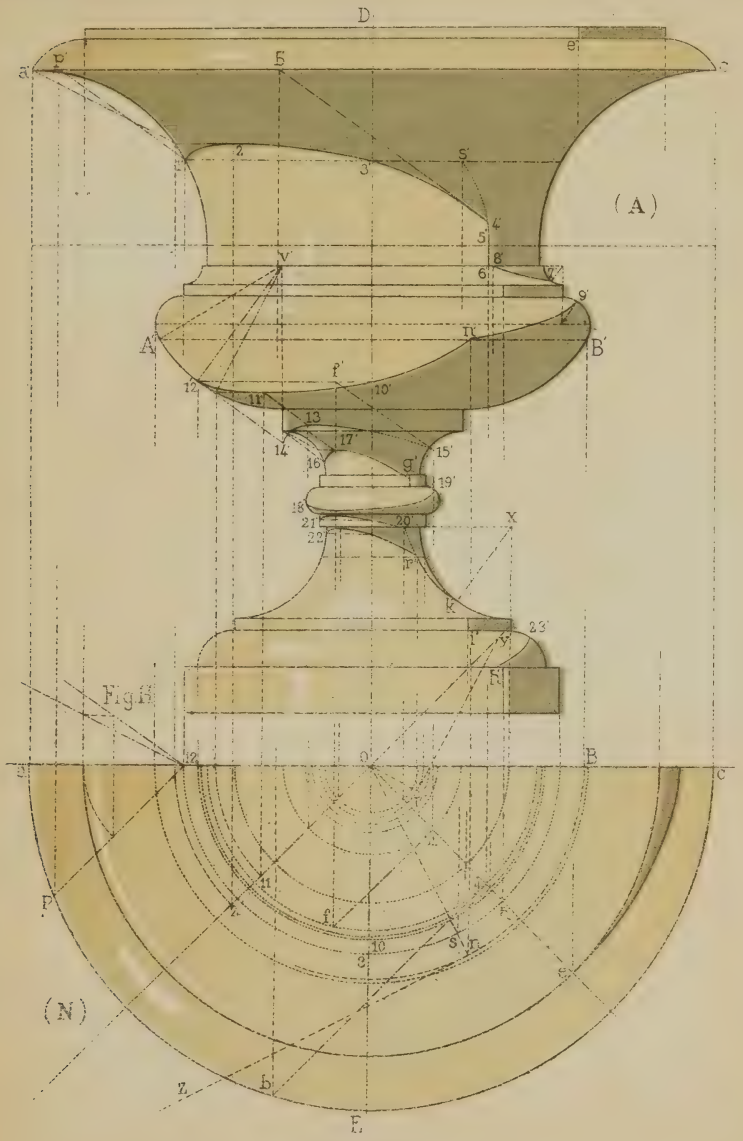

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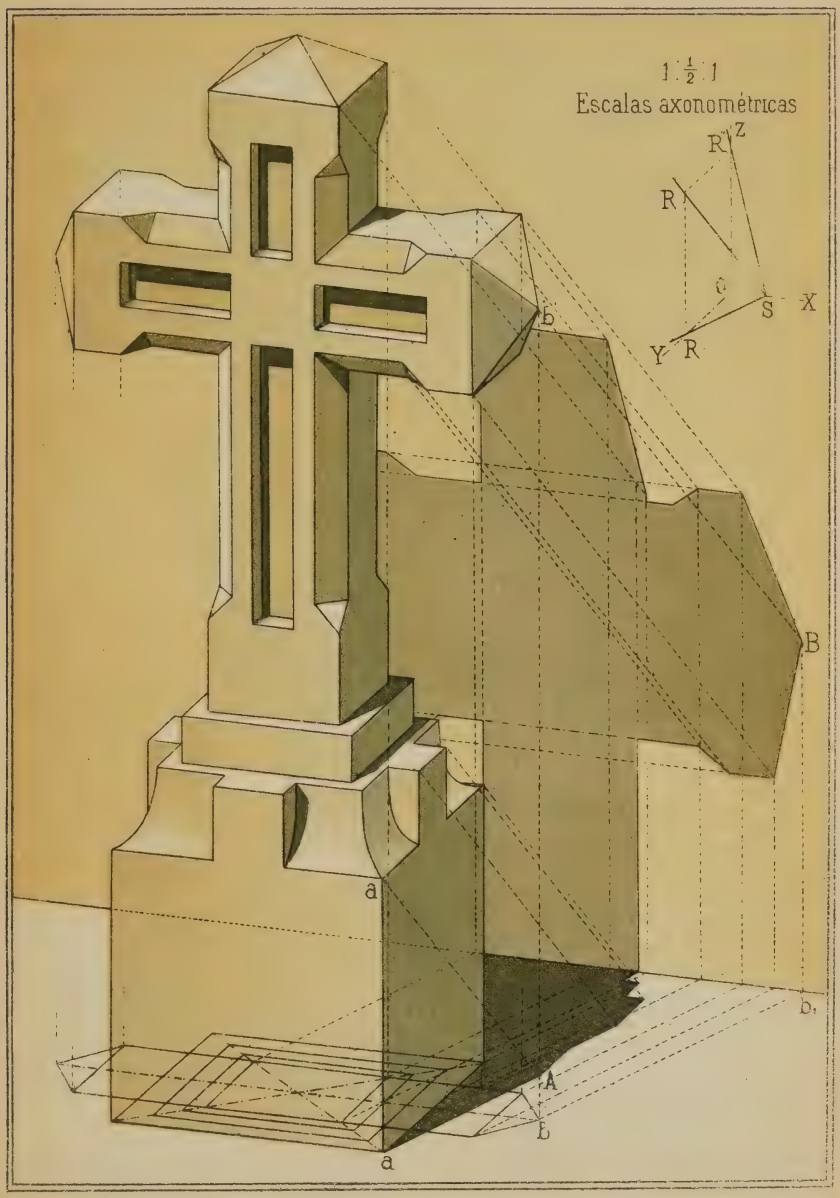

Trazado de sombras

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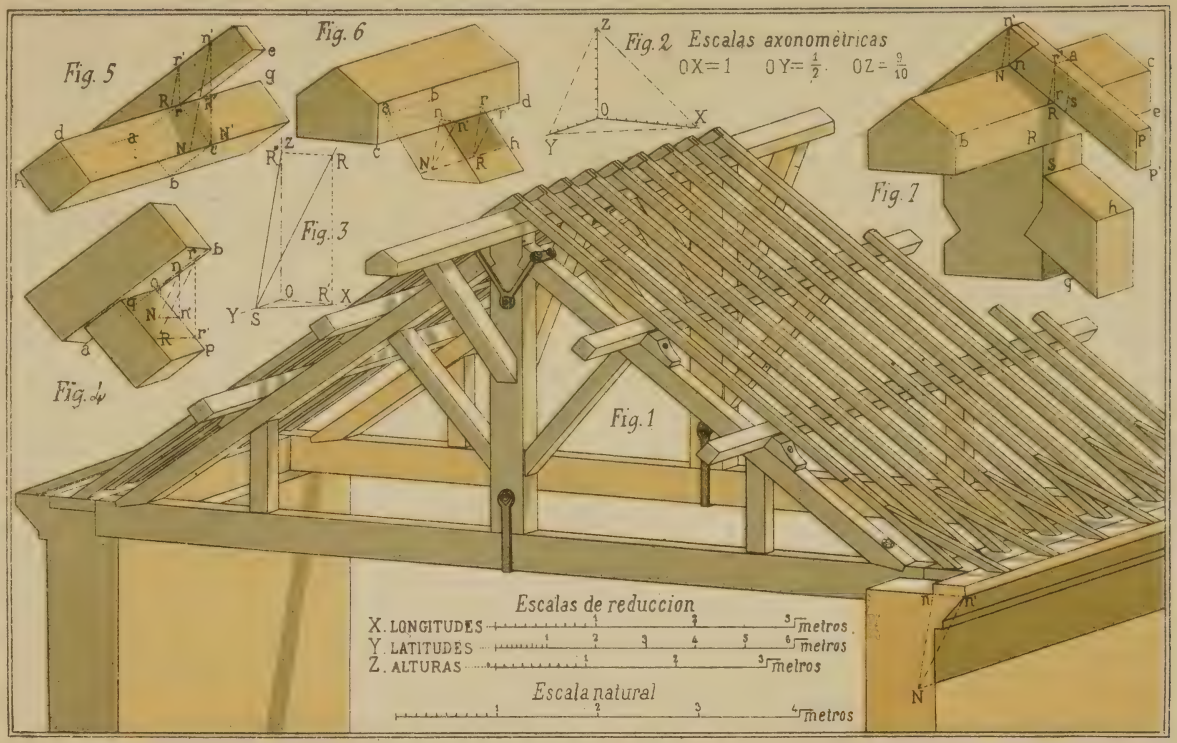

Trazado de sombras

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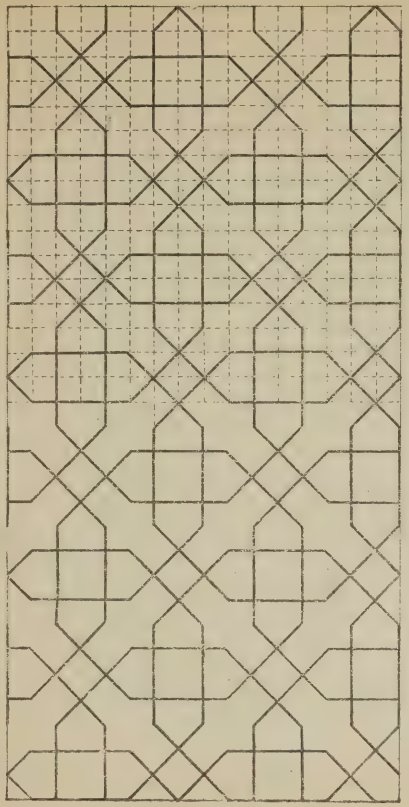

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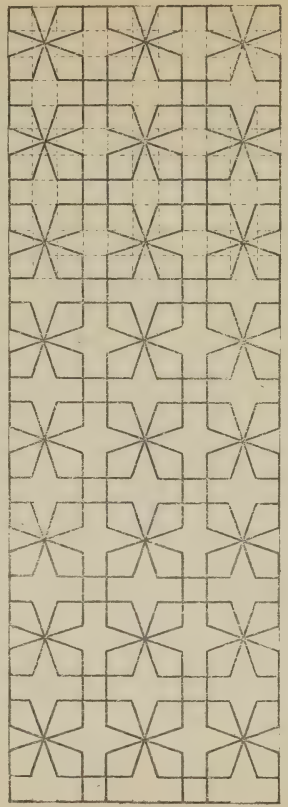

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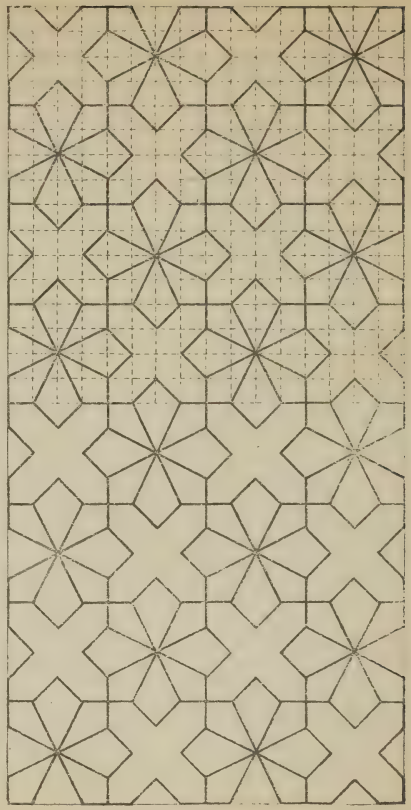

ALTGELD HALL

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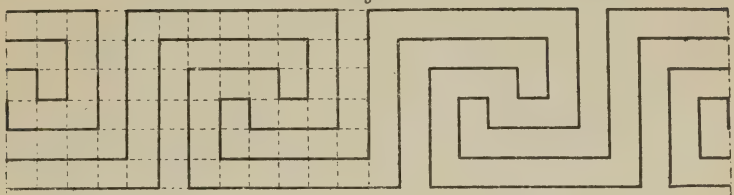
Fig. 1



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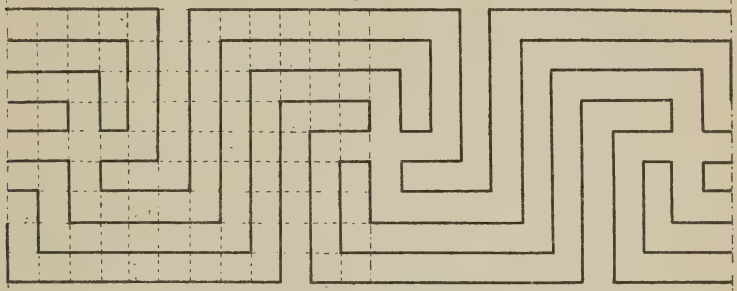

Fig. 3

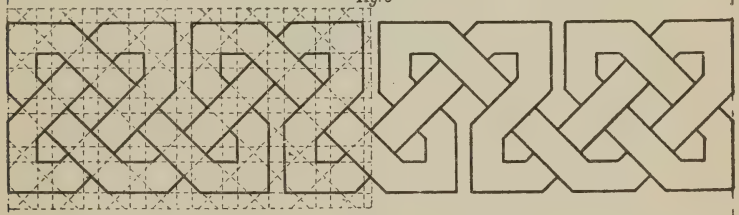

Fig. 4

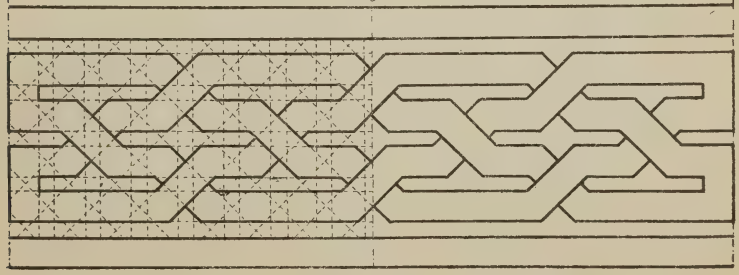

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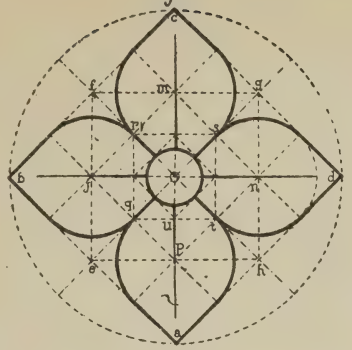
Fig. 1



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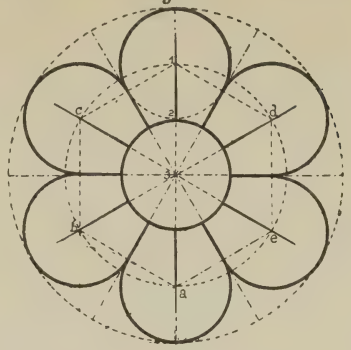

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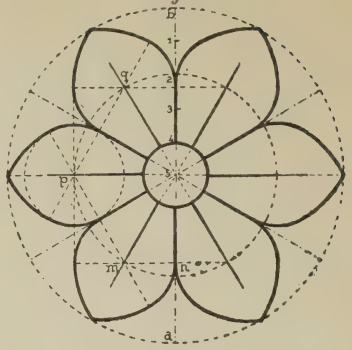
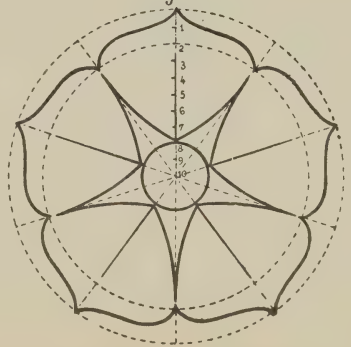


Fig. 4

Fig. 5



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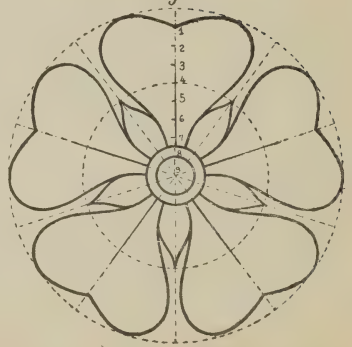

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Fig. 1

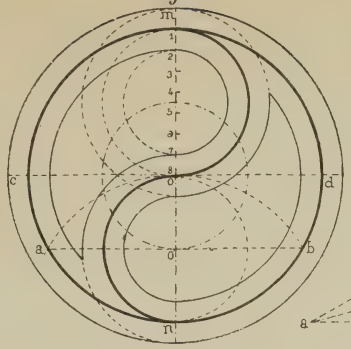
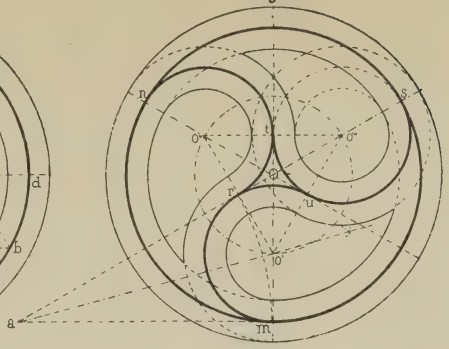


Fig. 2



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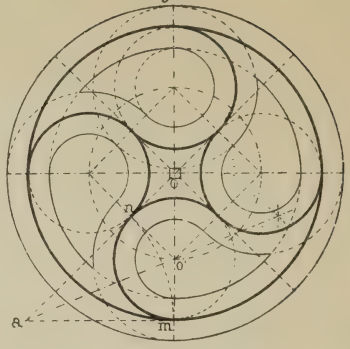

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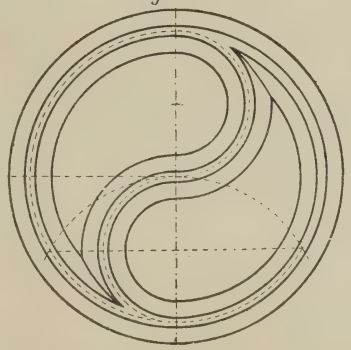

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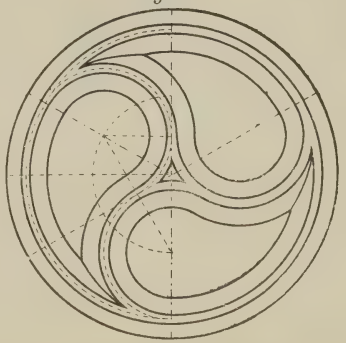

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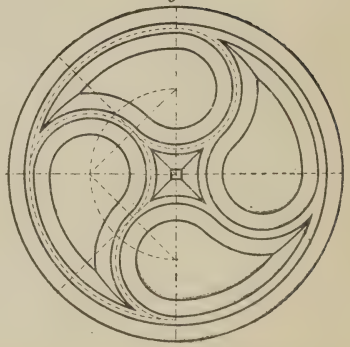

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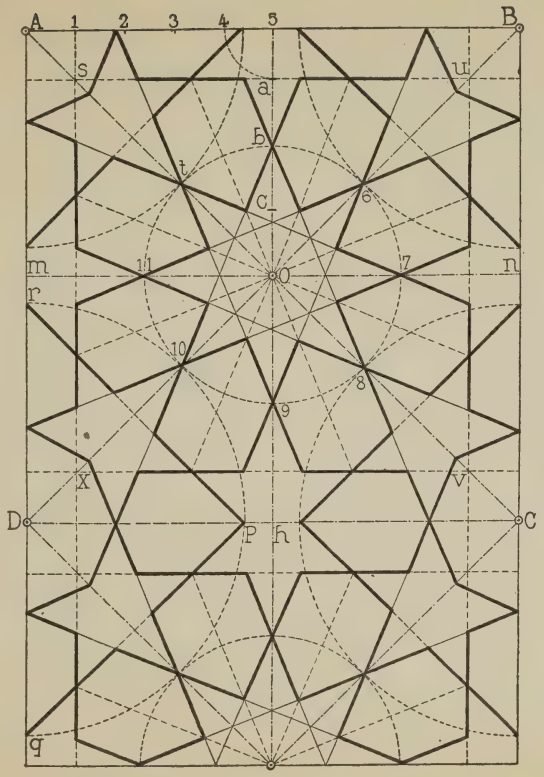

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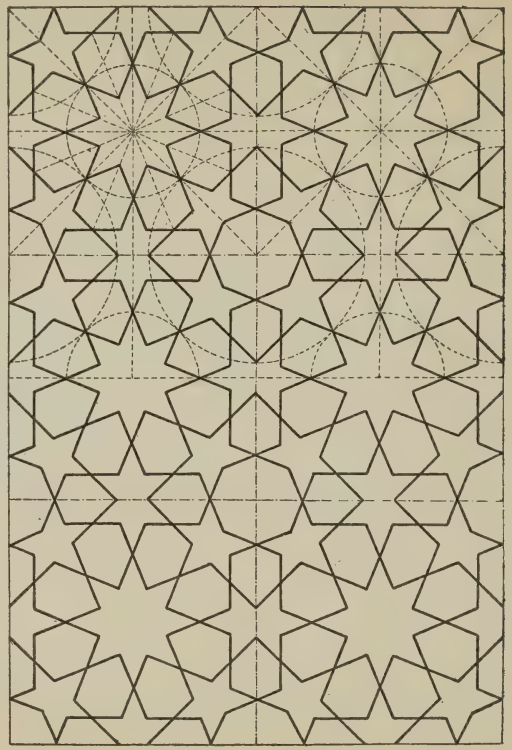

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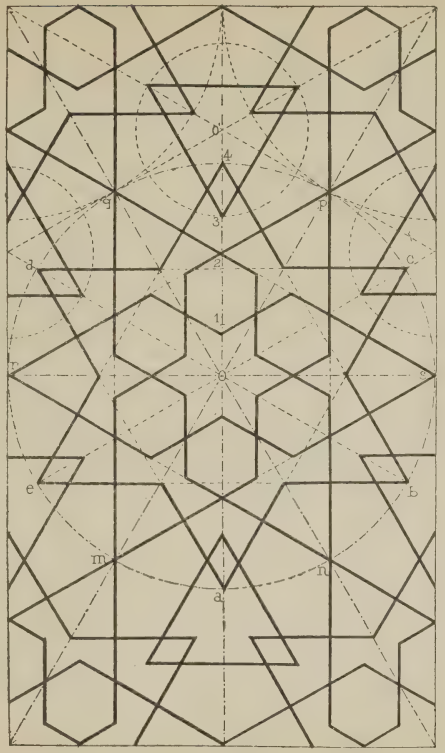

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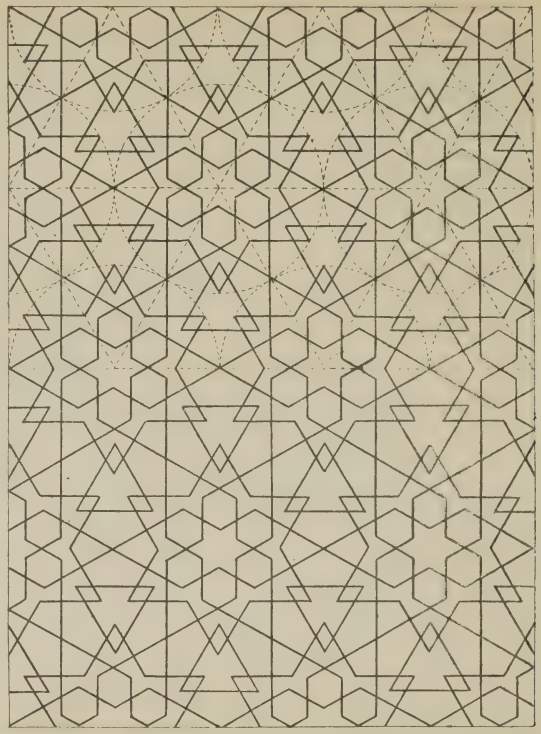

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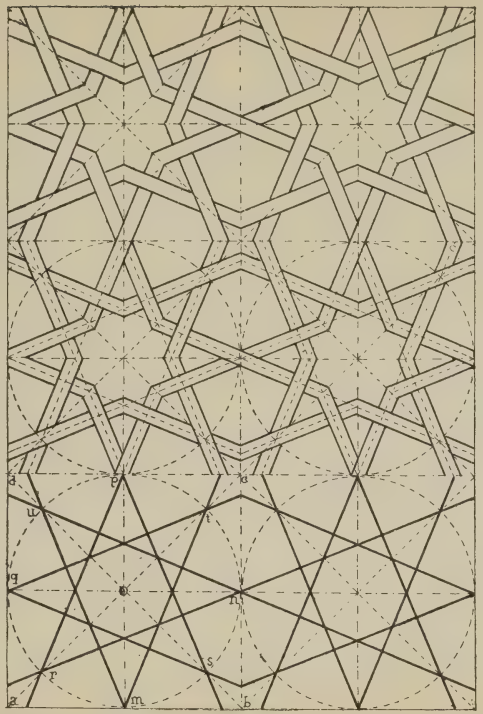

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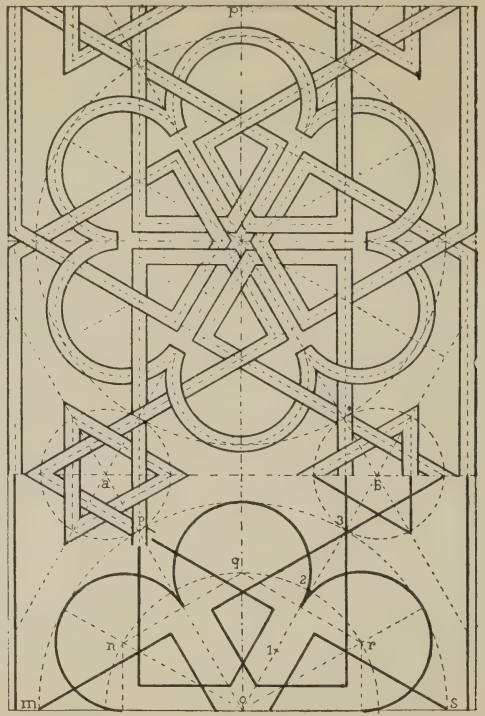

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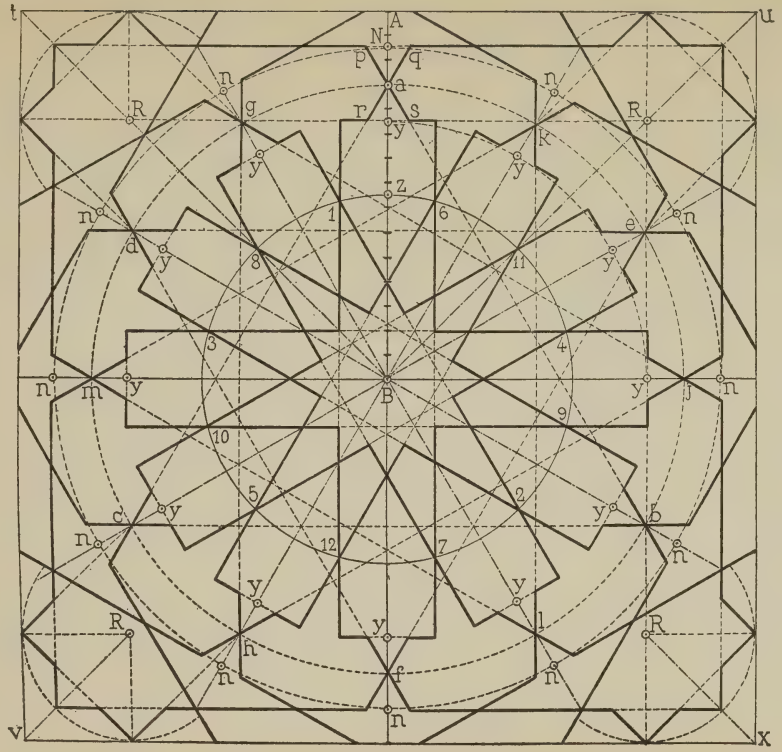
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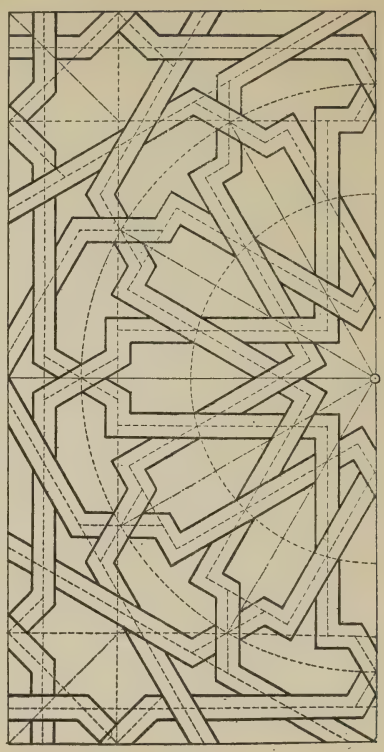

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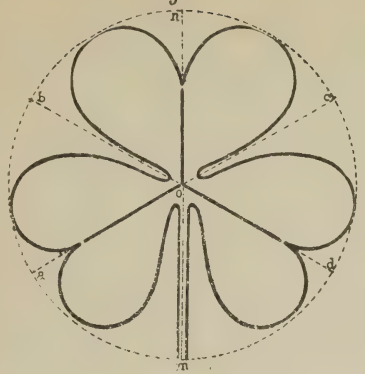

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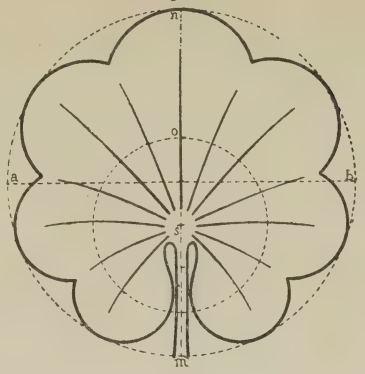

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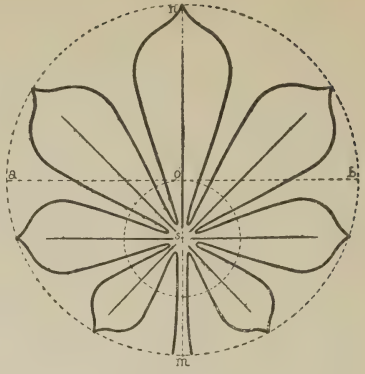

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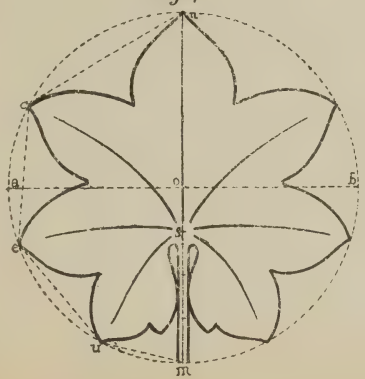

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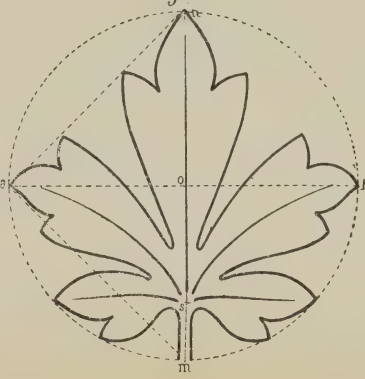

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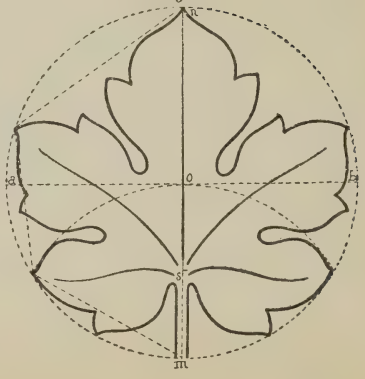

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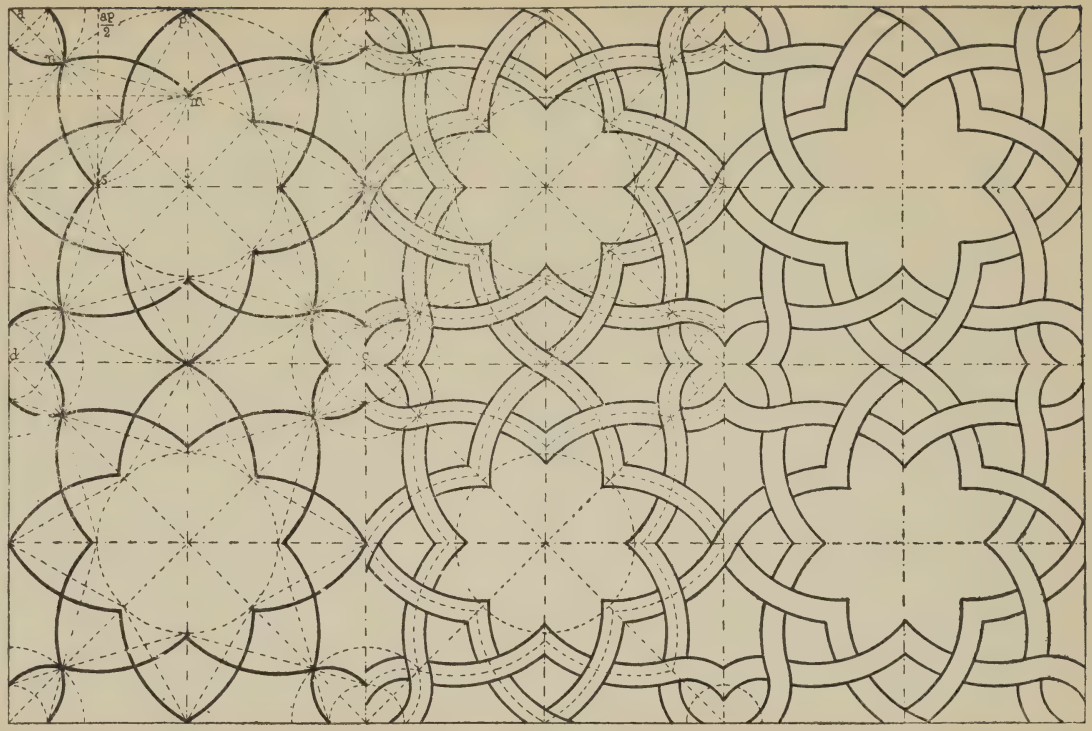

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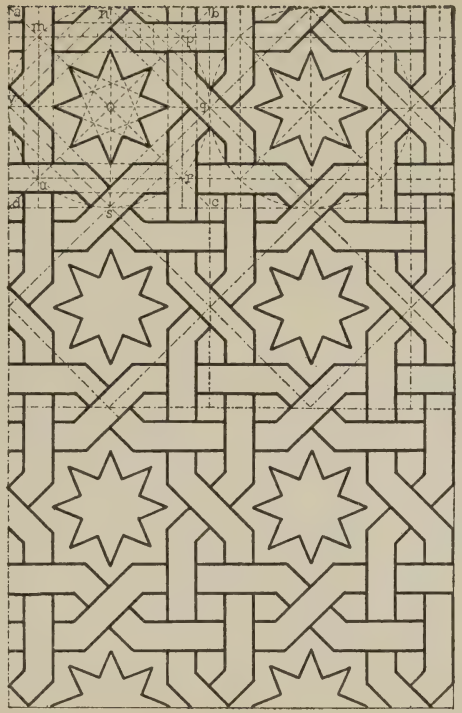

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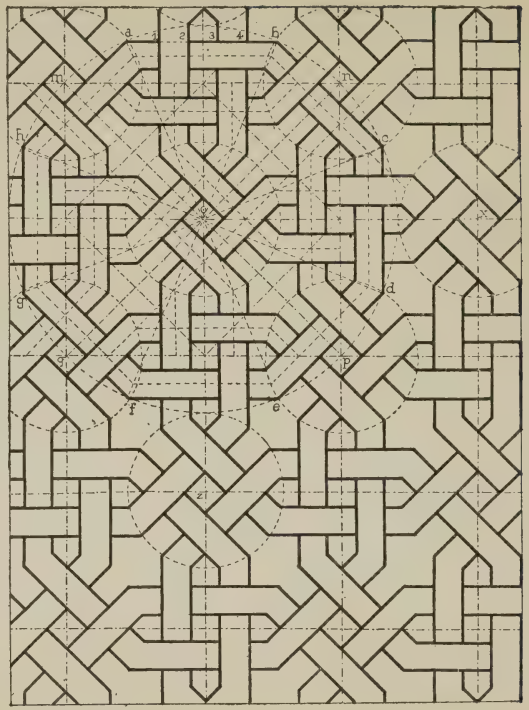

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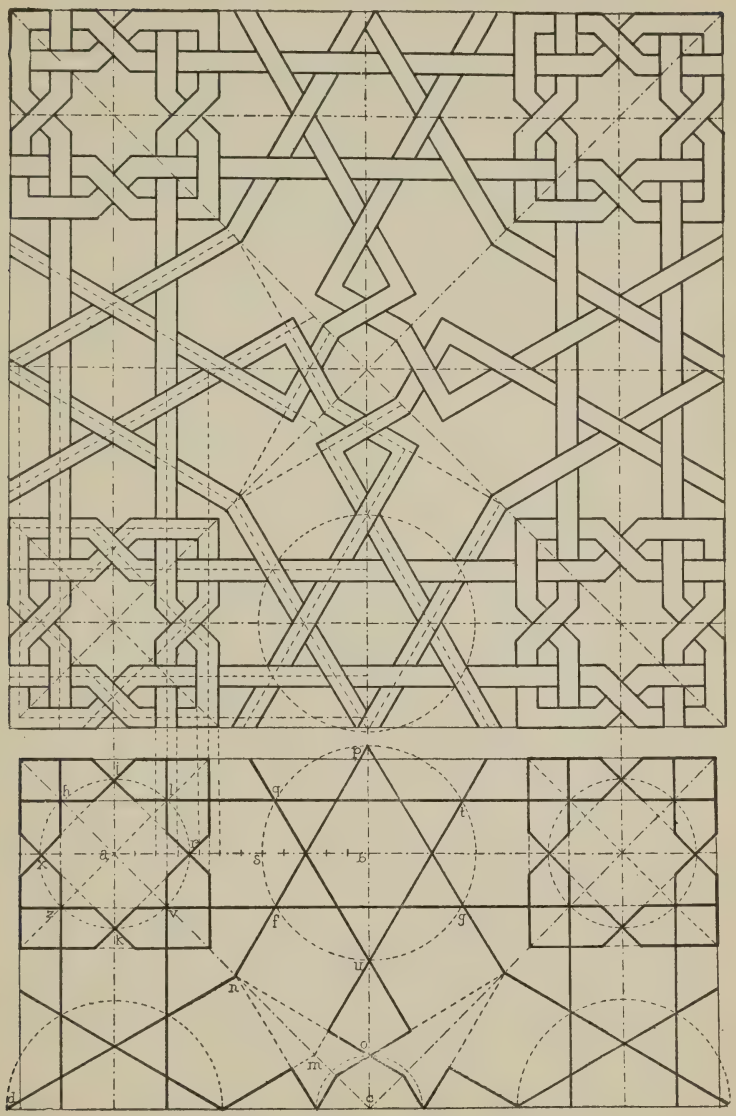

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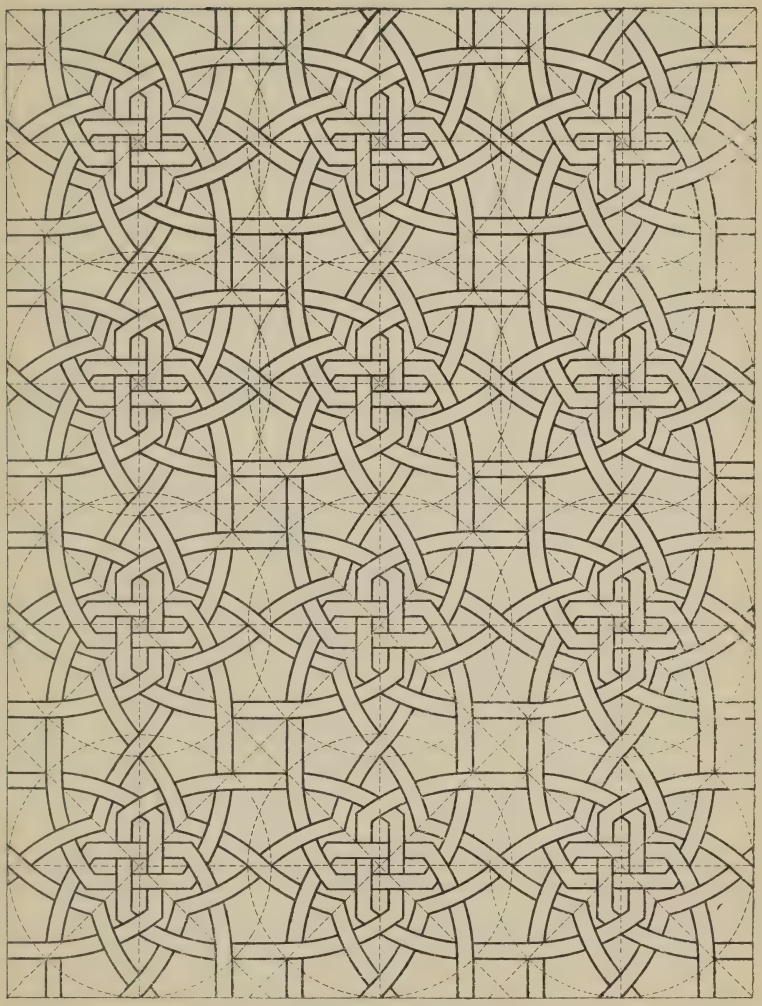

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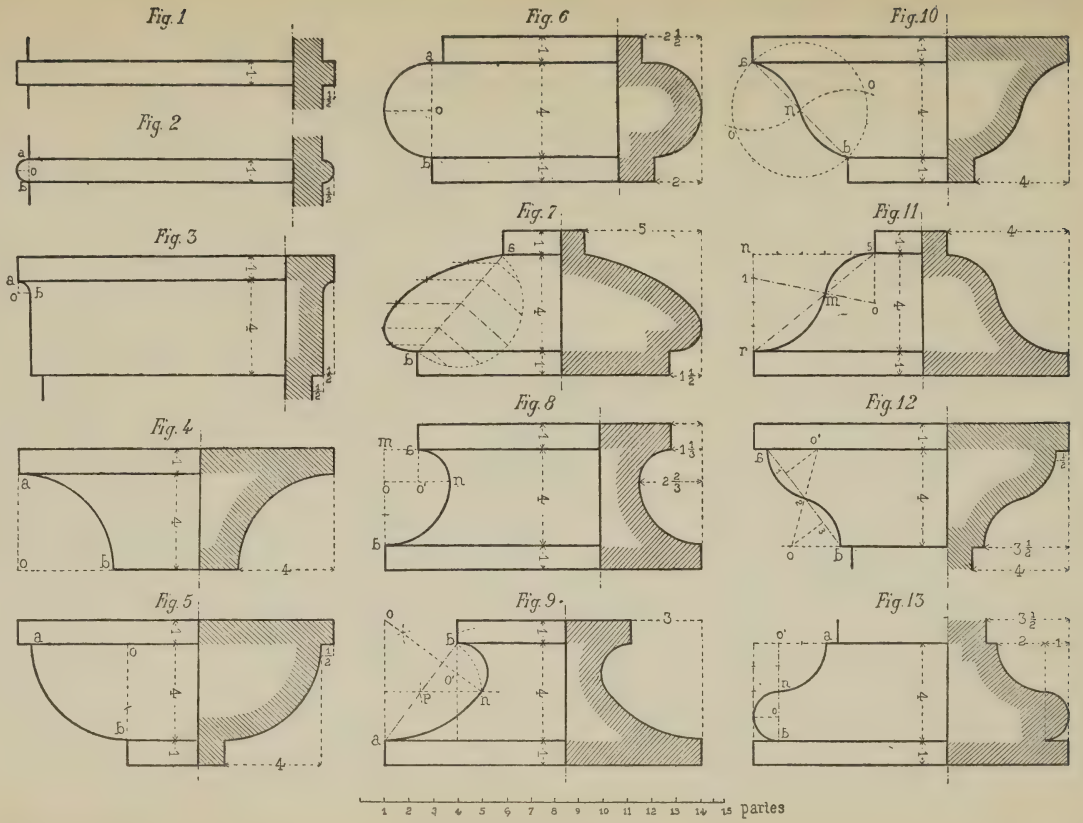

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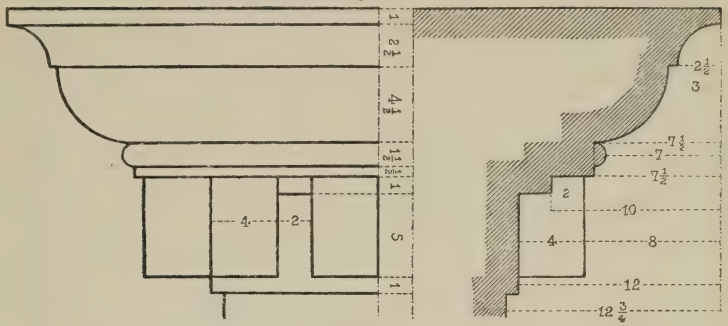

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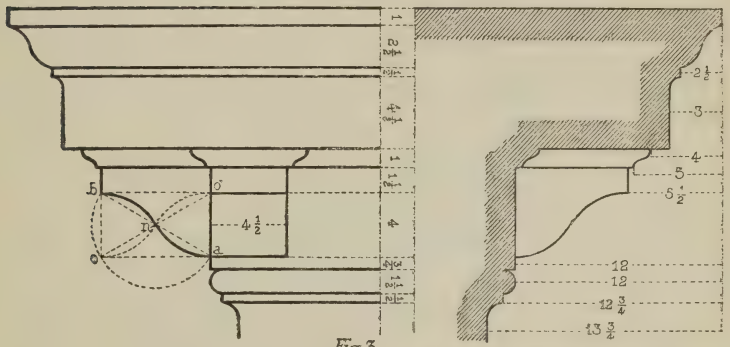

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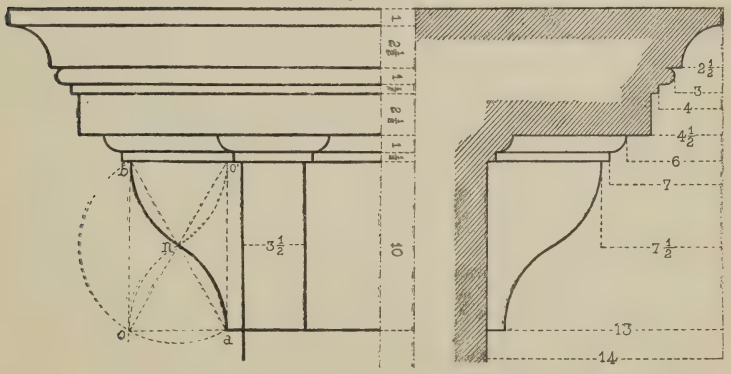

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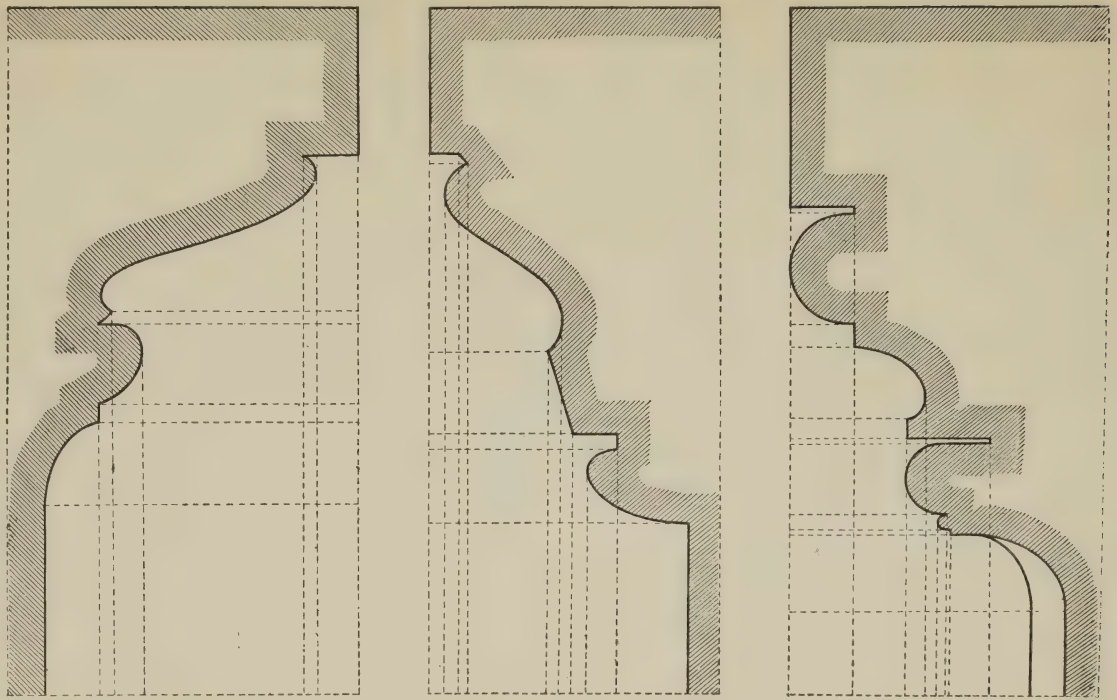

Editorial Hernando

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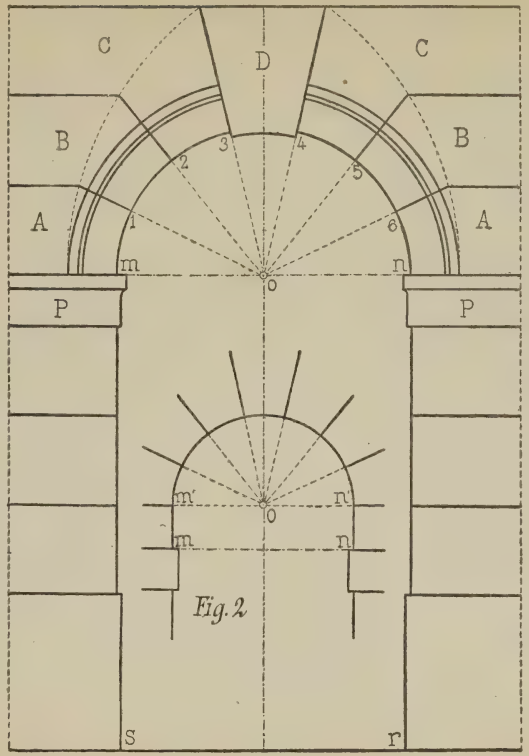

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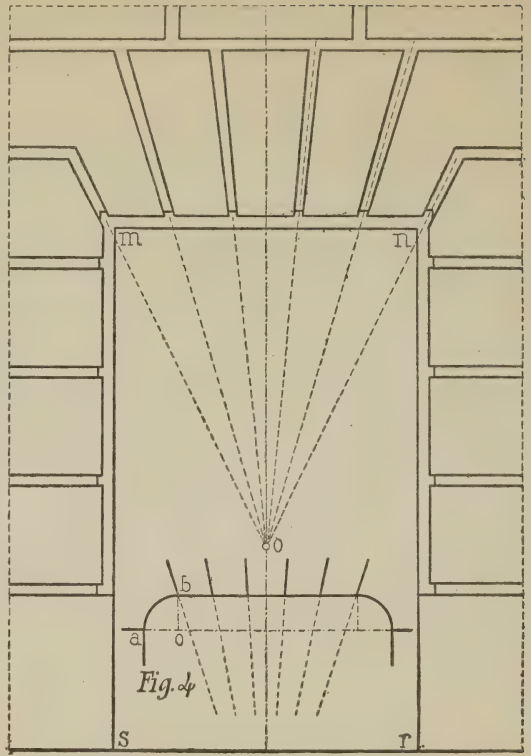

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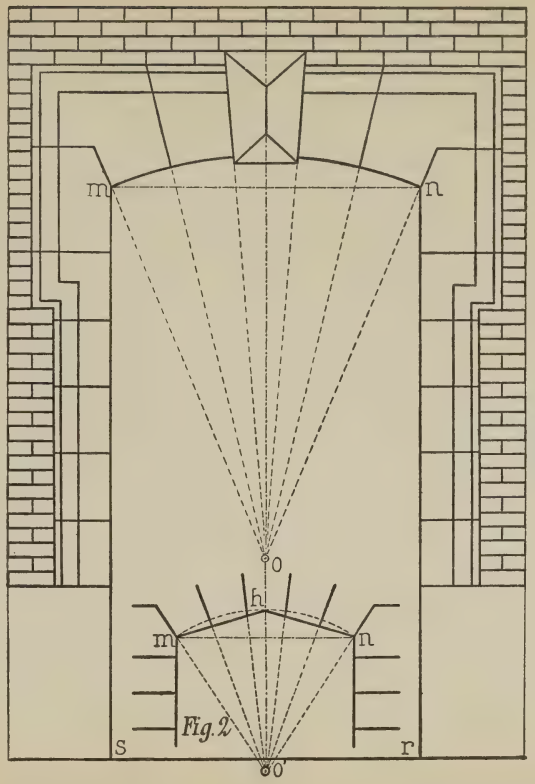

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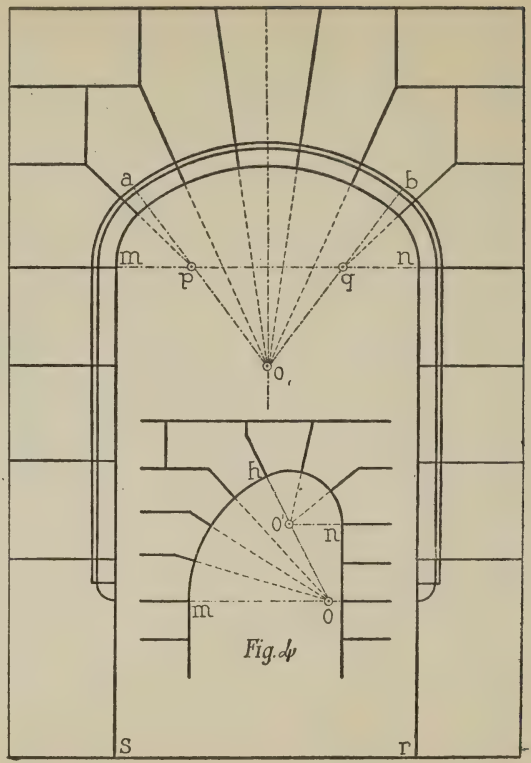

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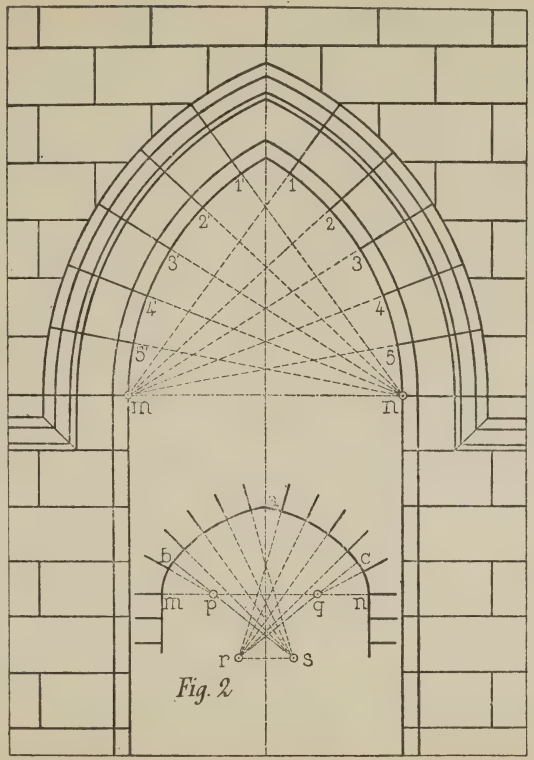

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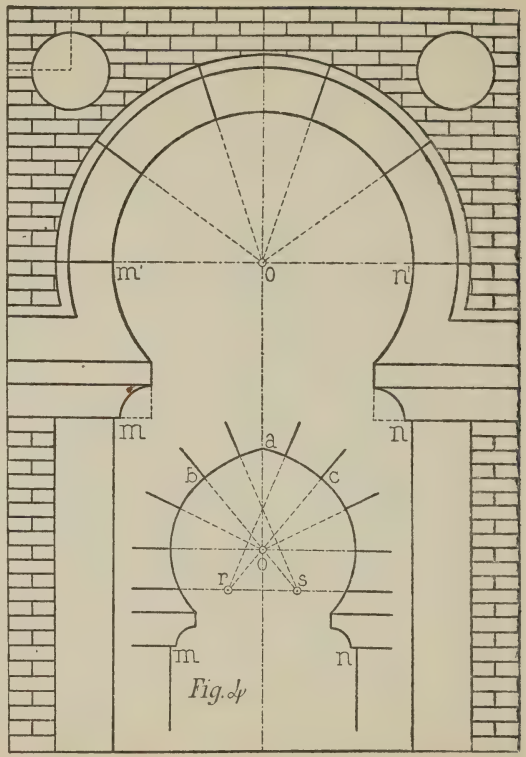

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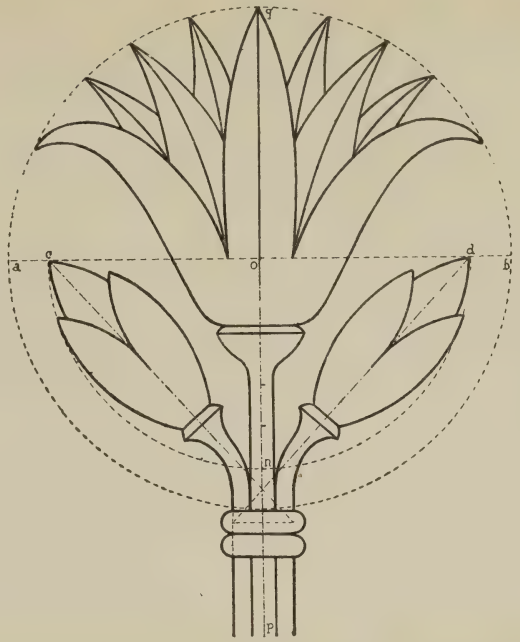

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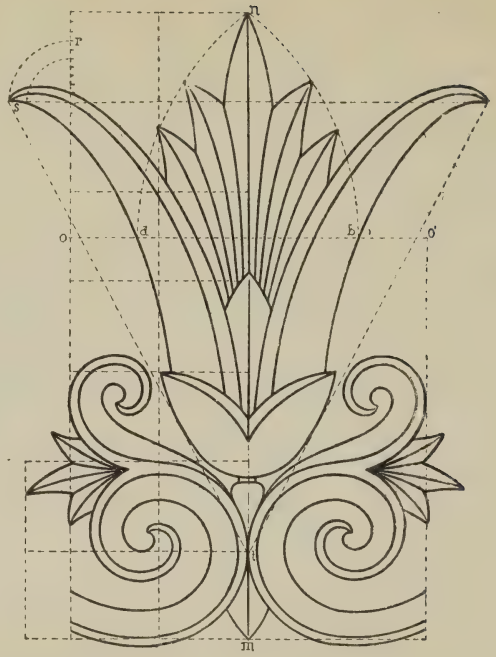

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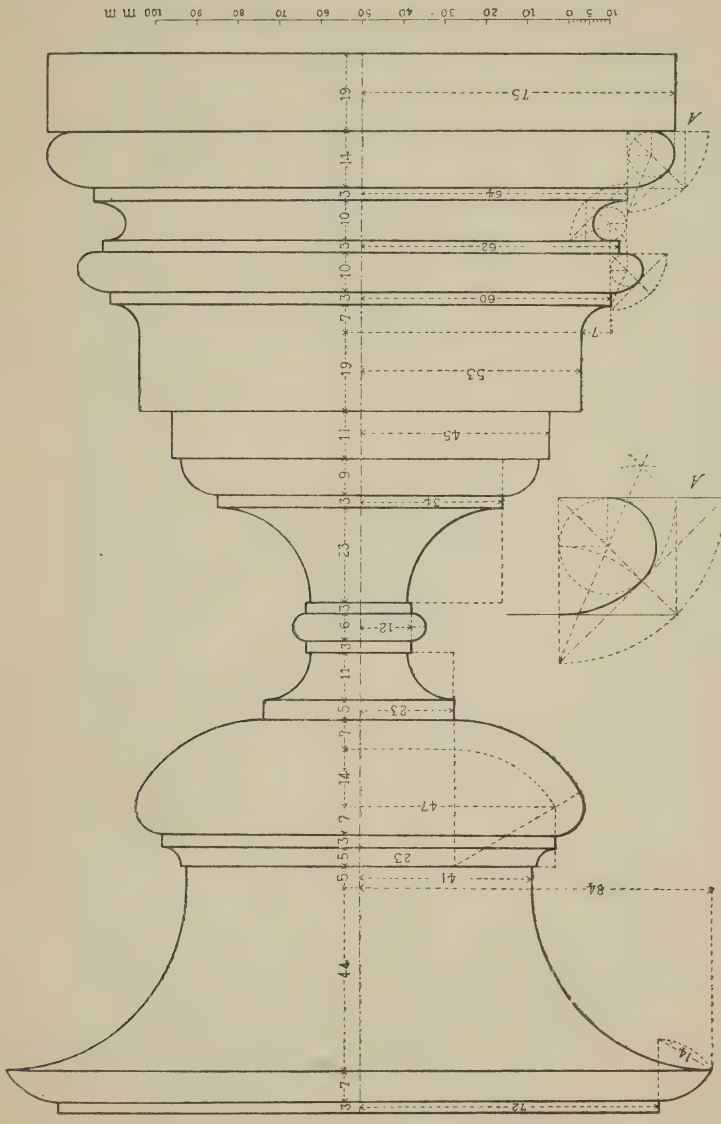

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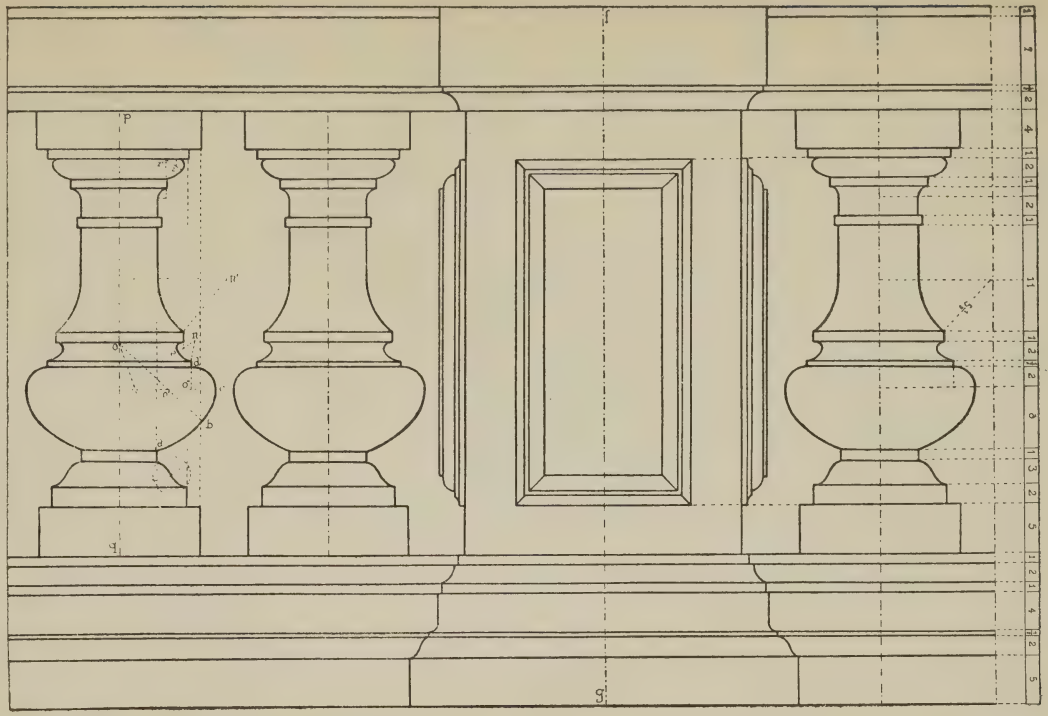

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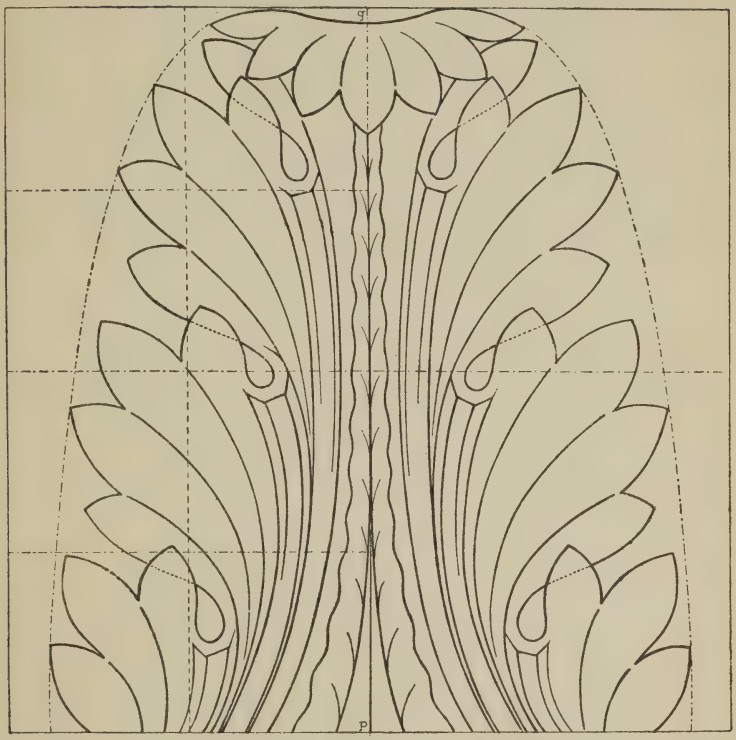
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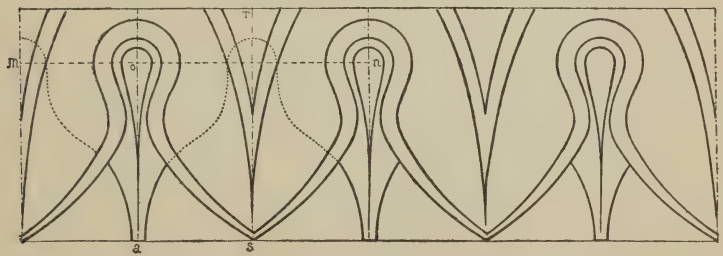
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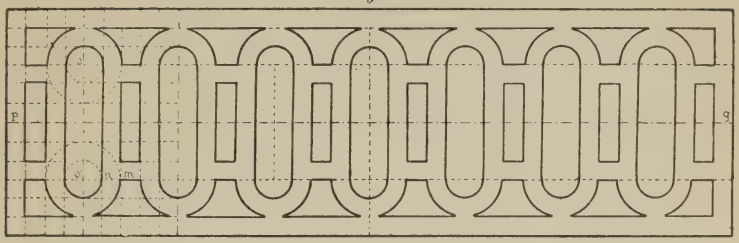

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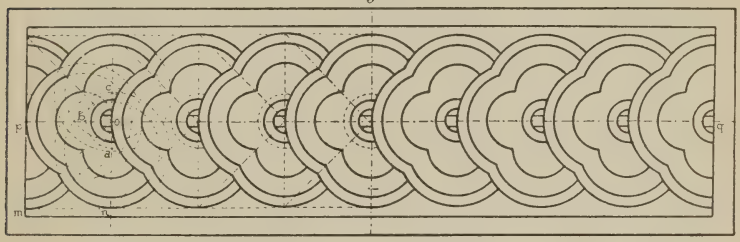

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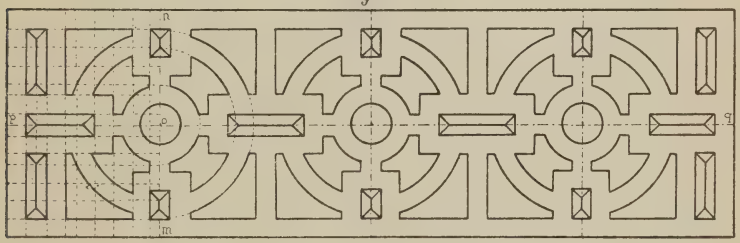

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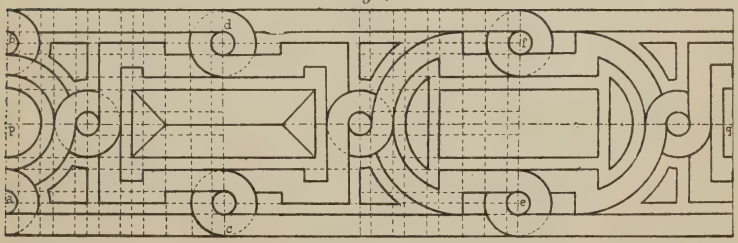

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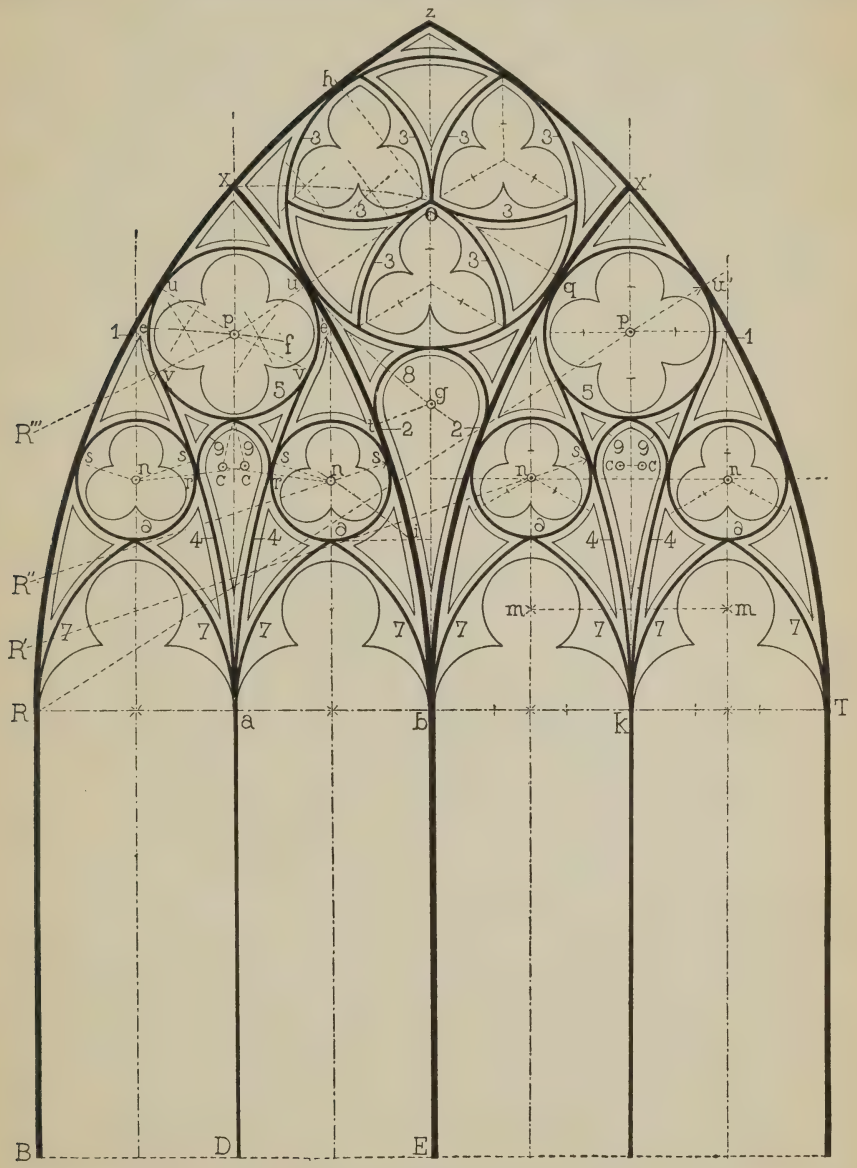
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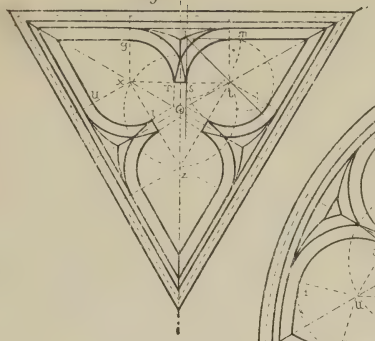

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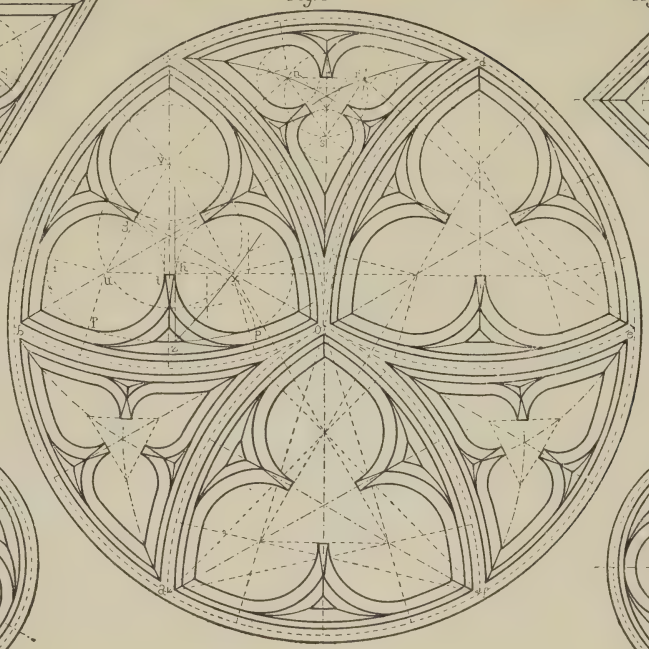

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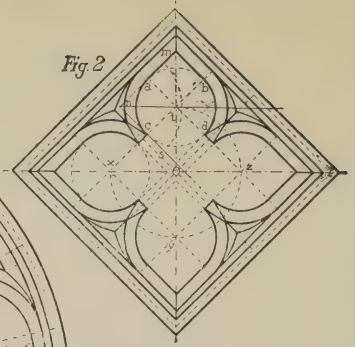

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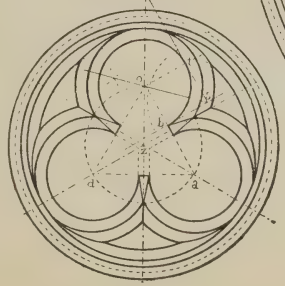

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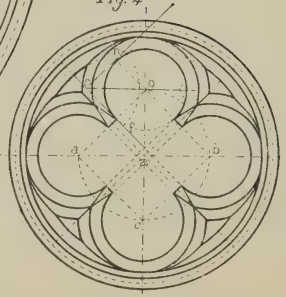

Prácticas de trazado.

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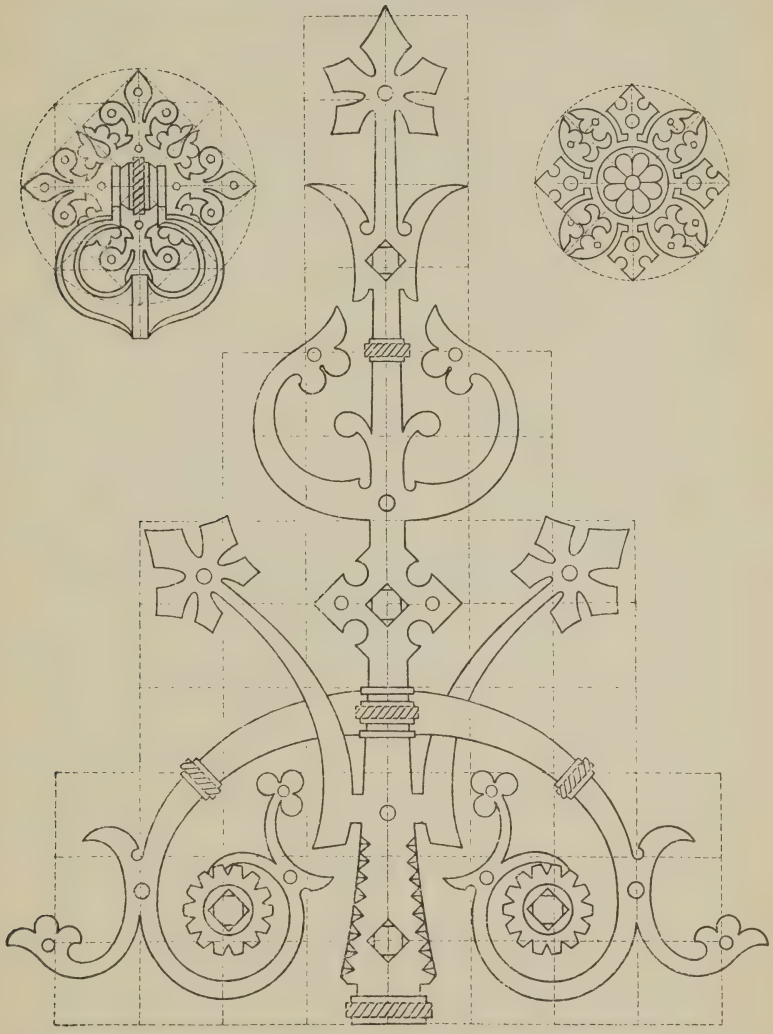

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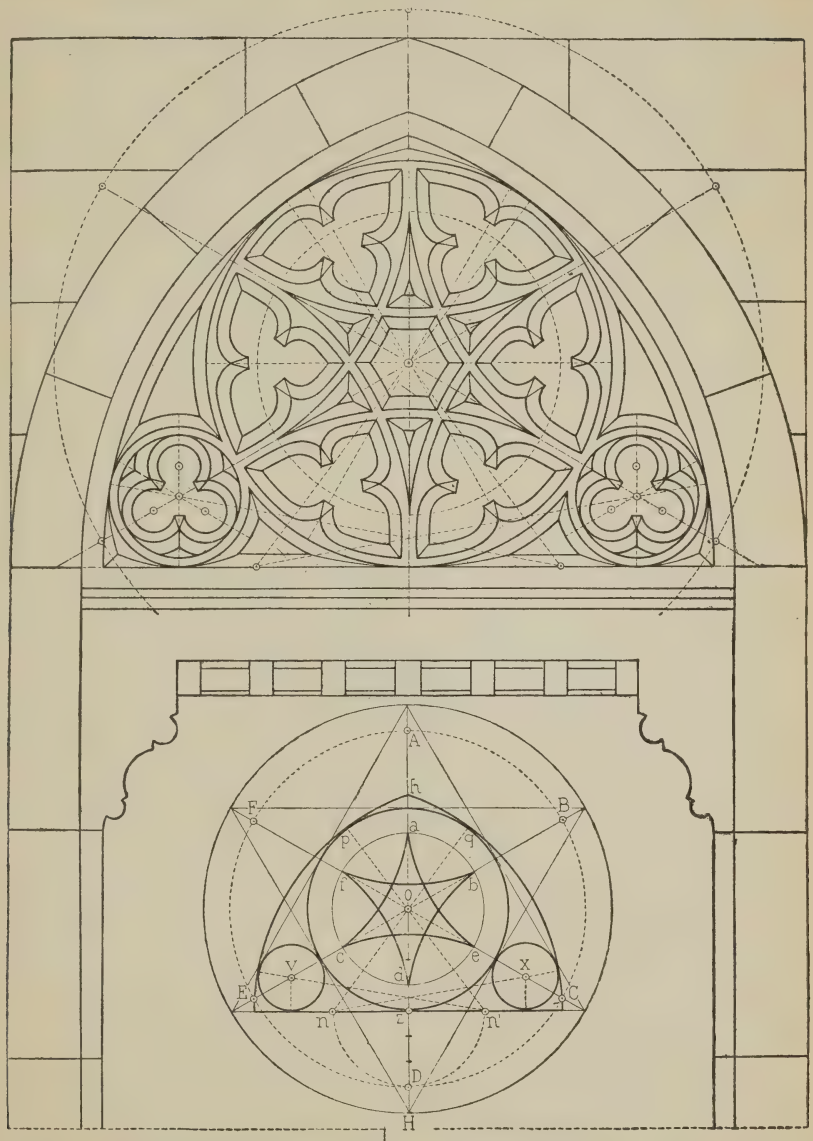
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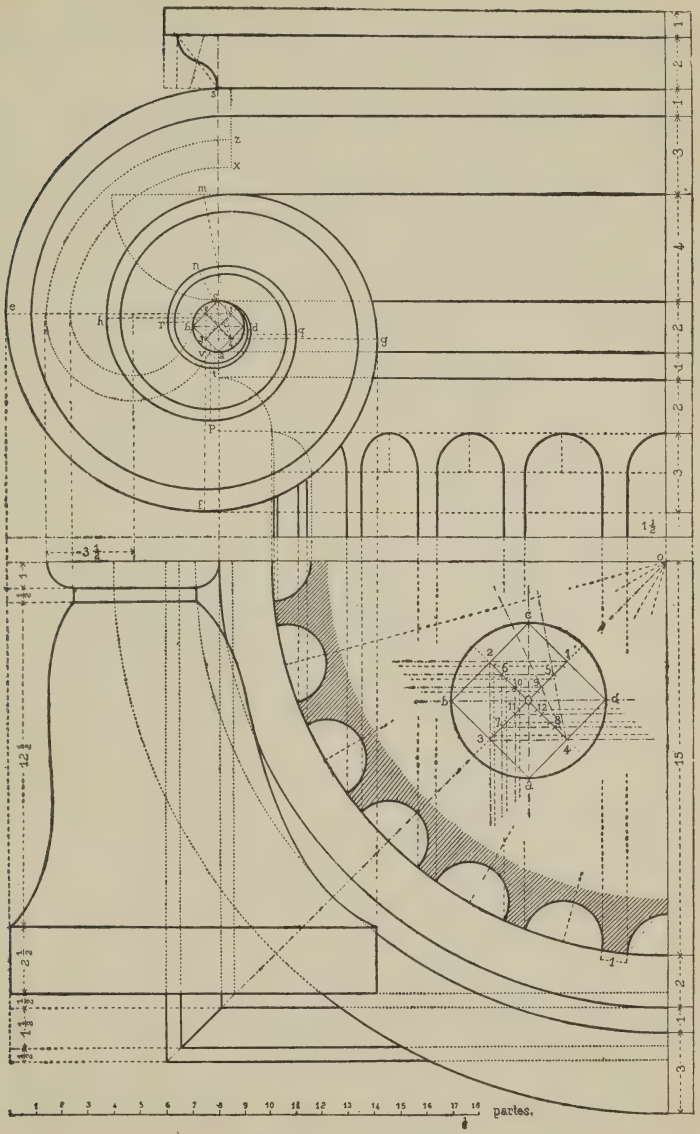
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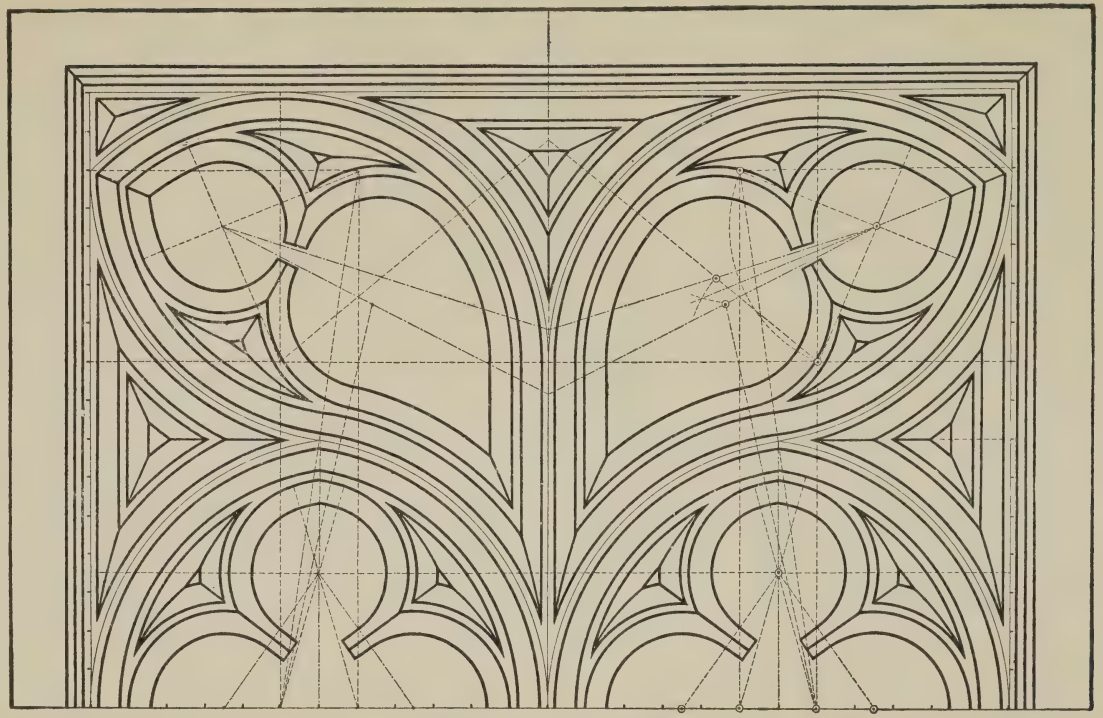

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Fig. 1

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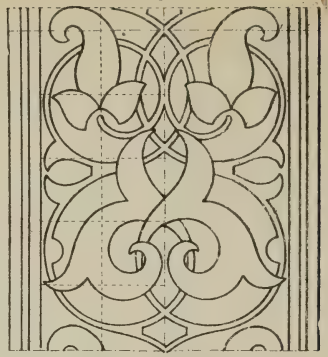

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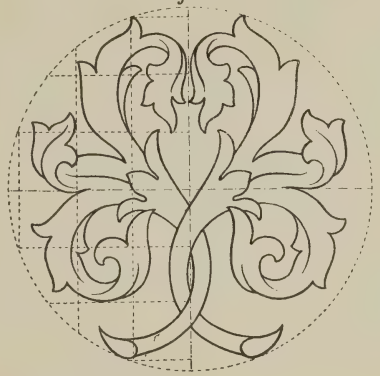

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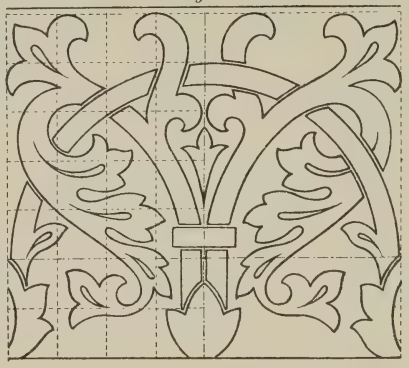

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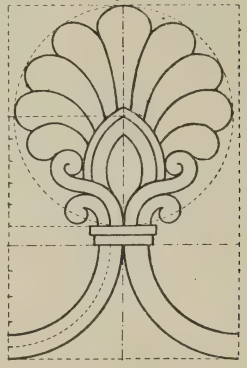

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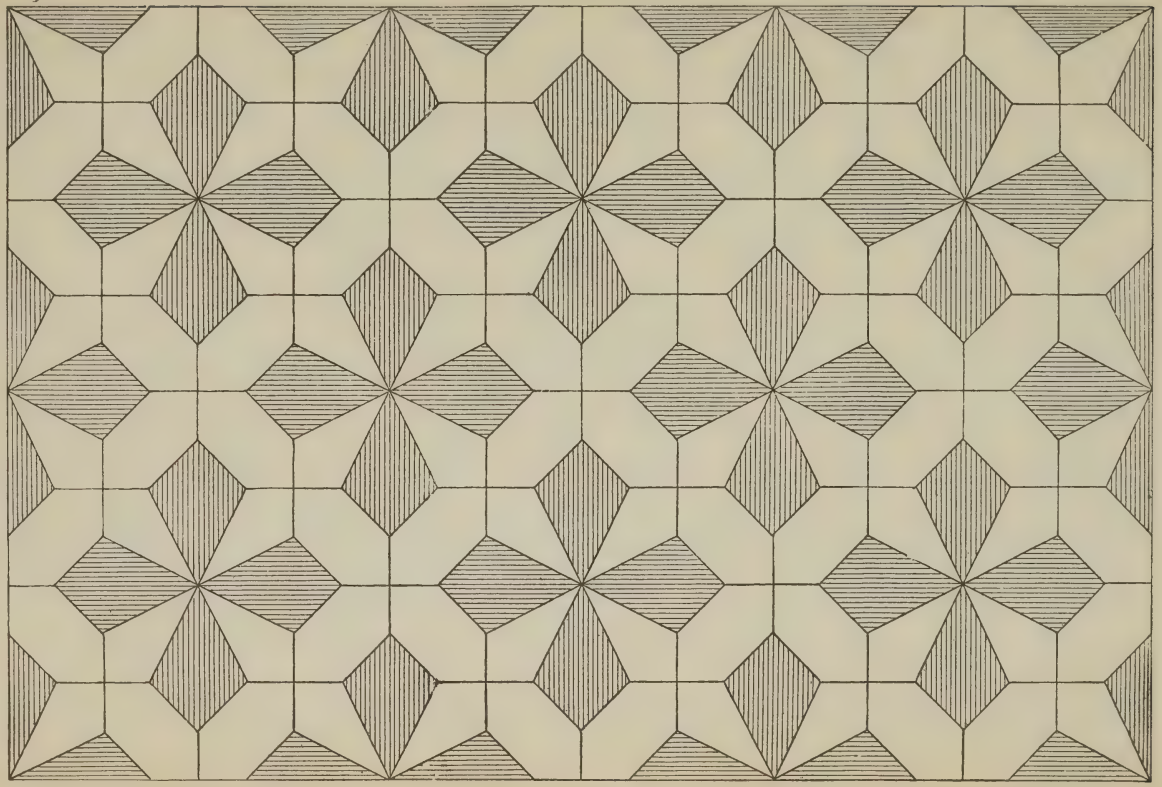

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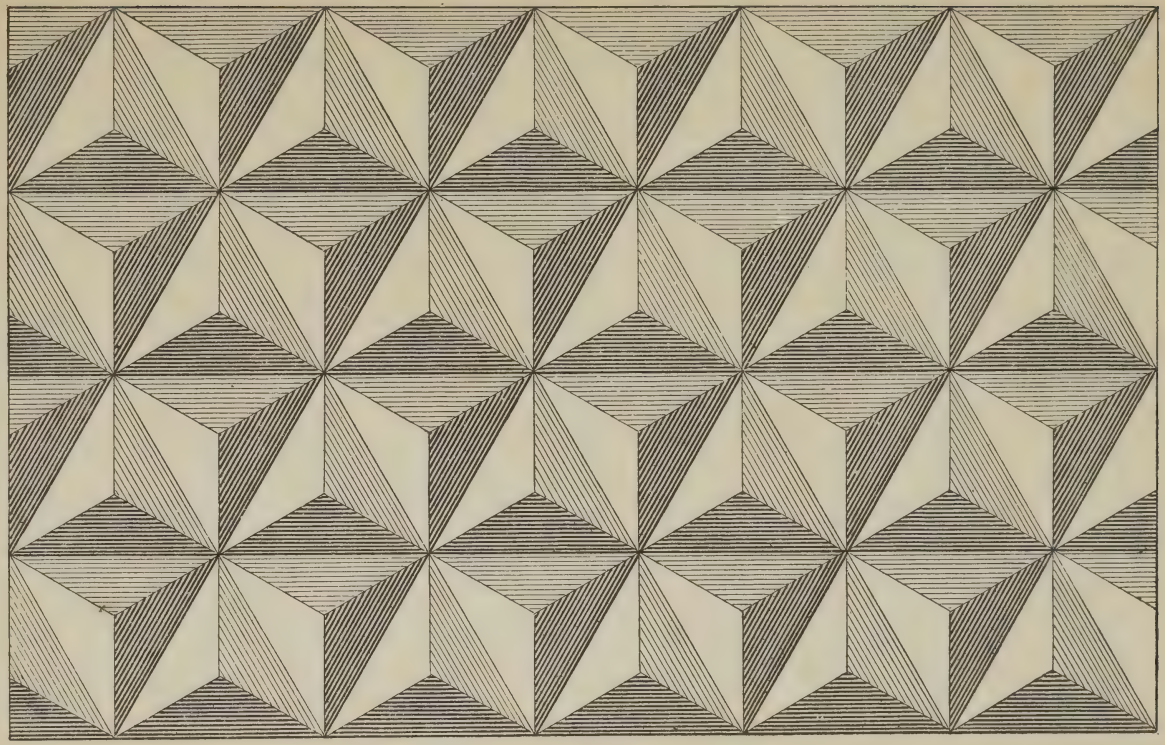

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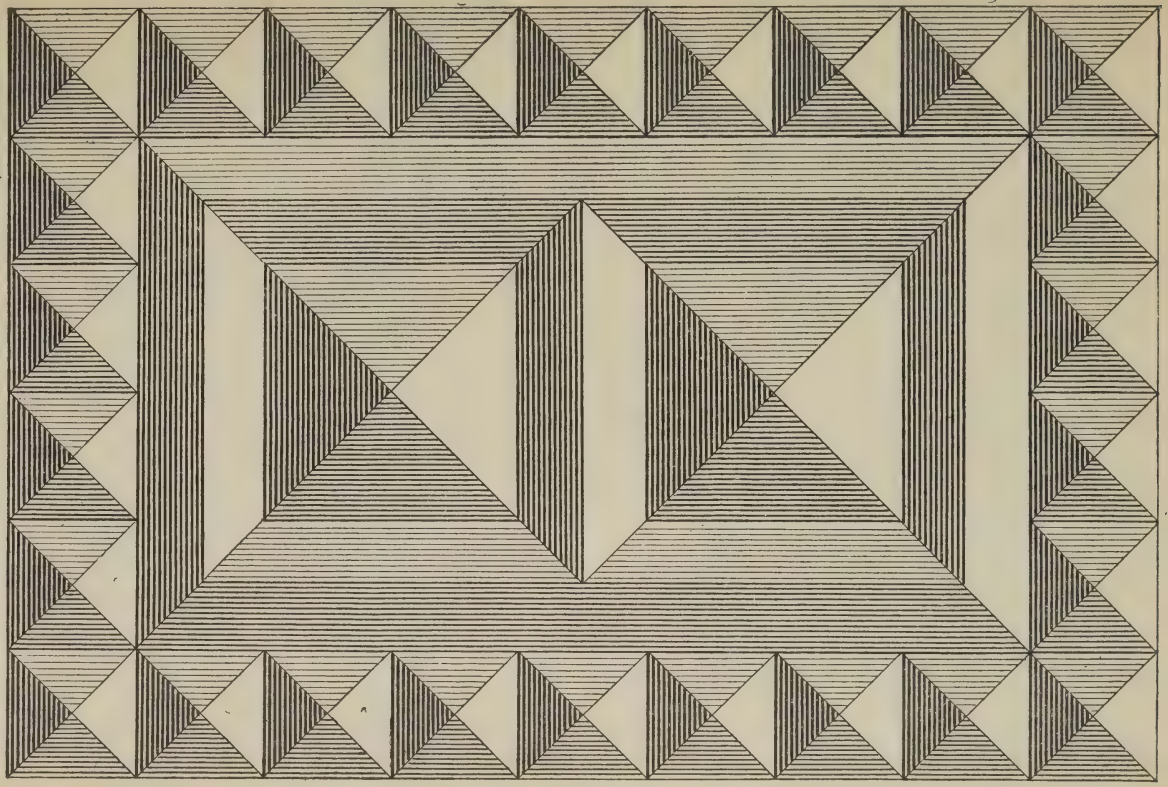

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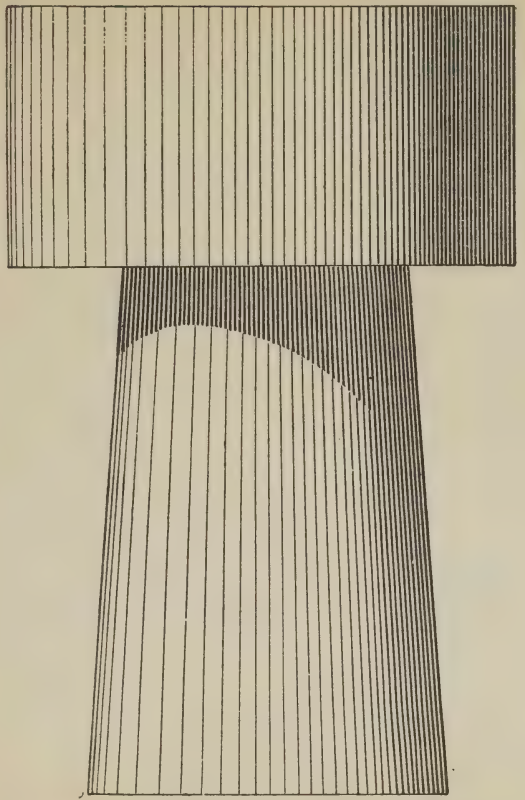

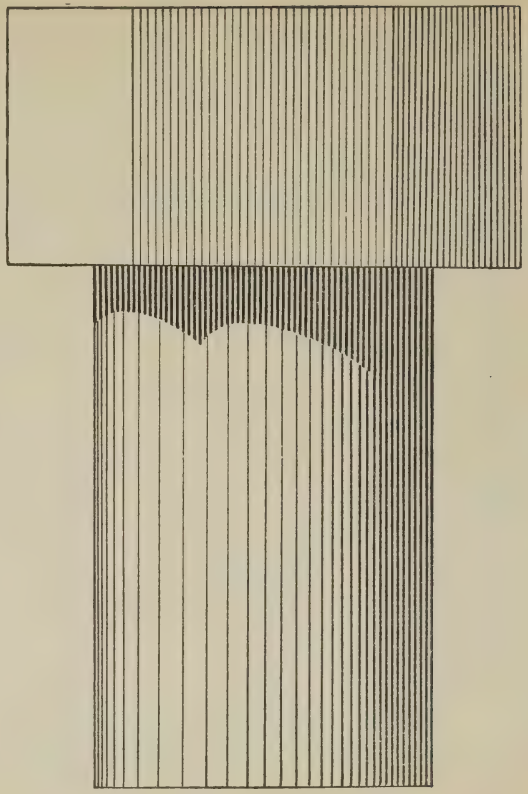

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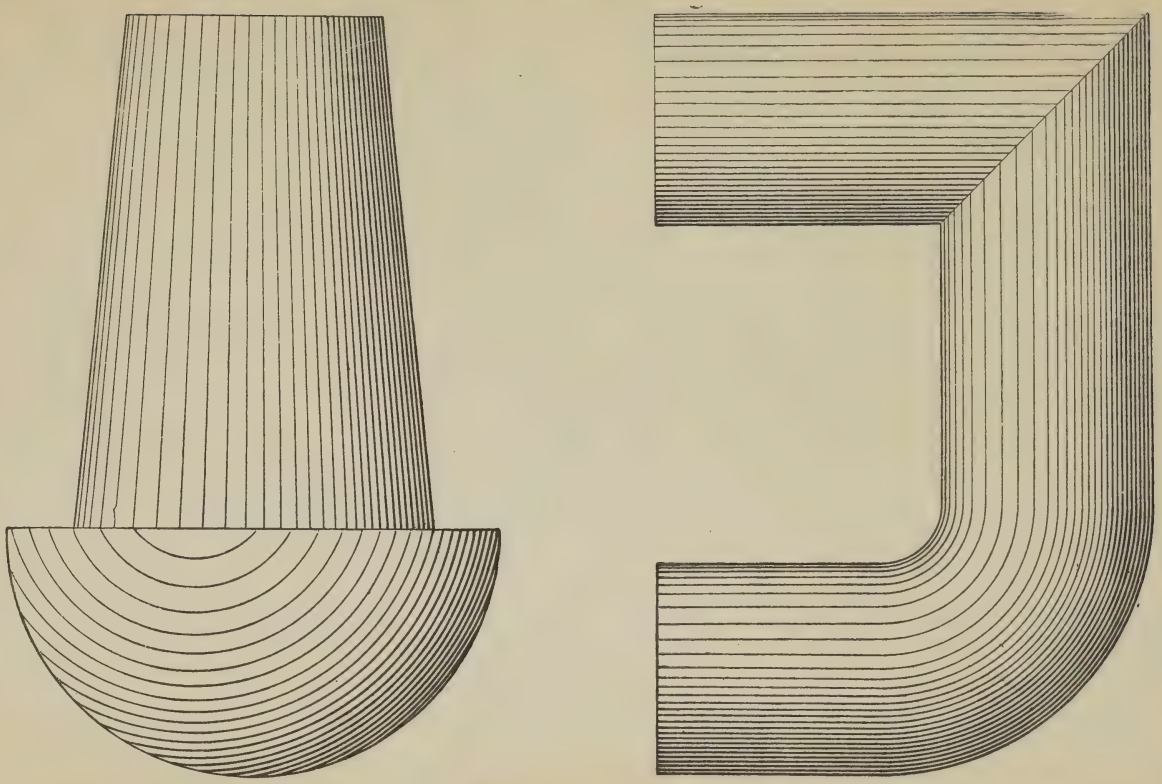

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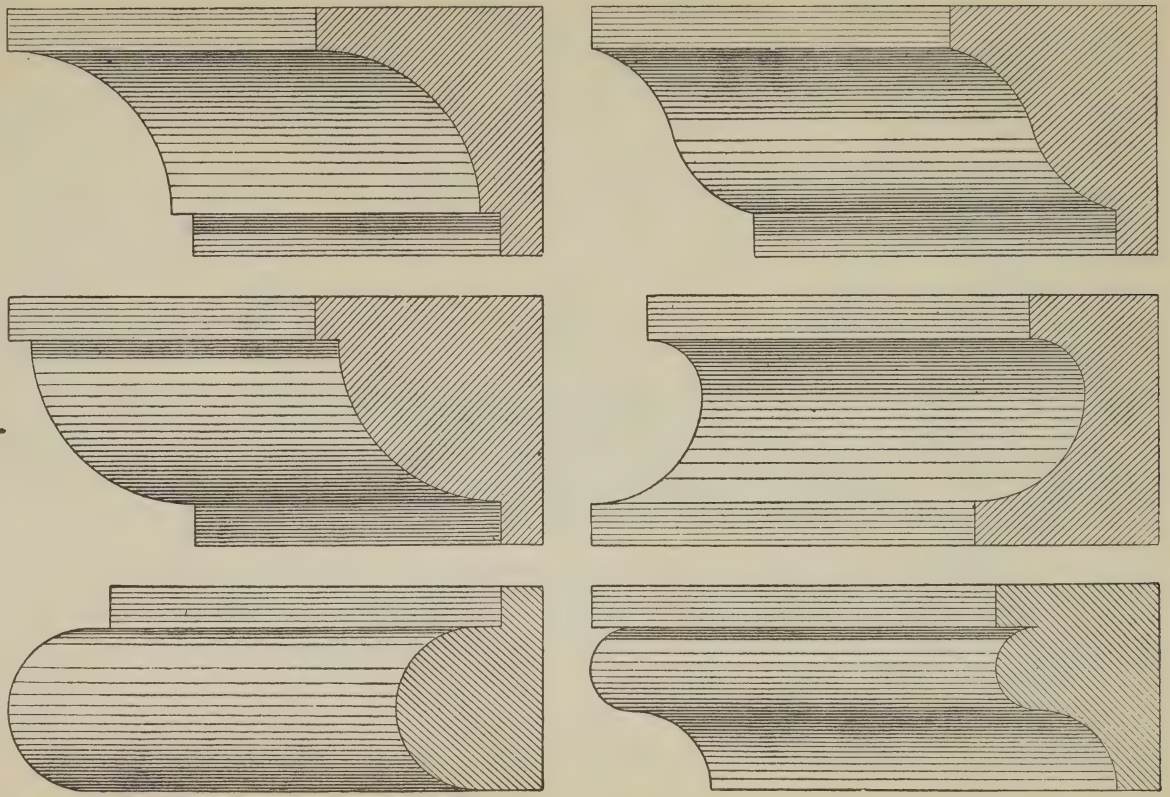

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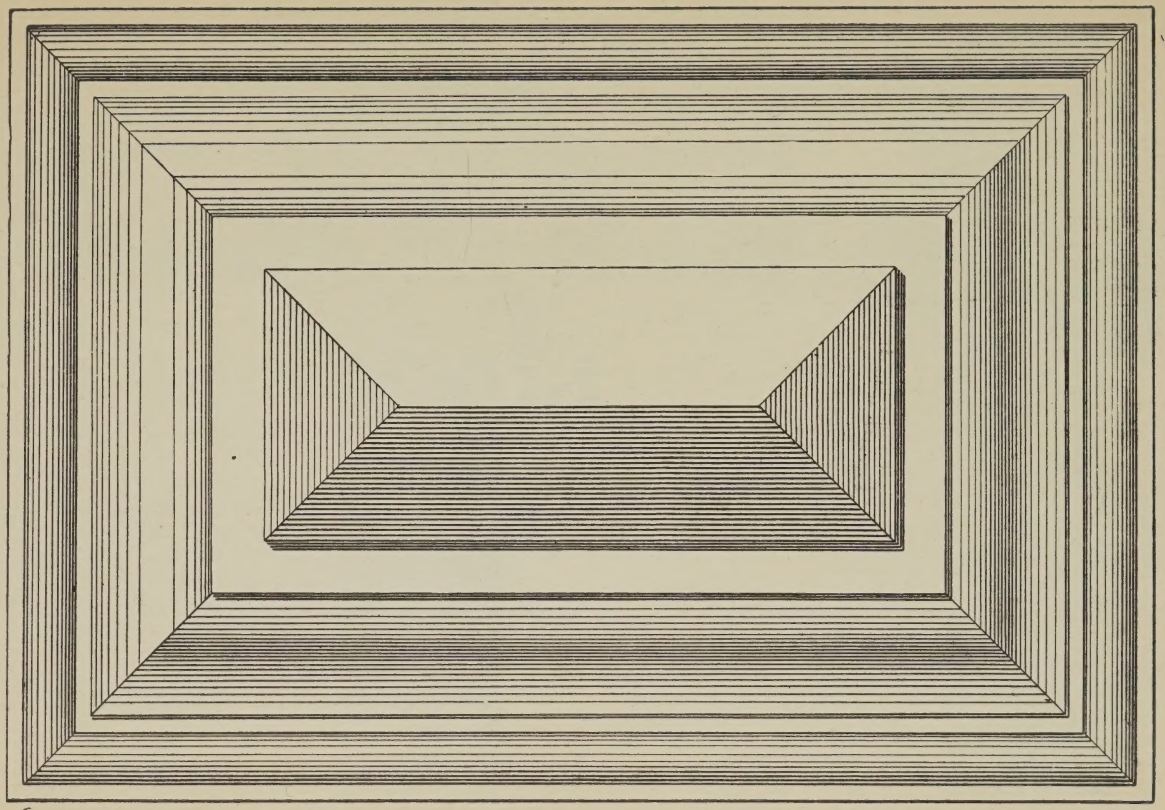

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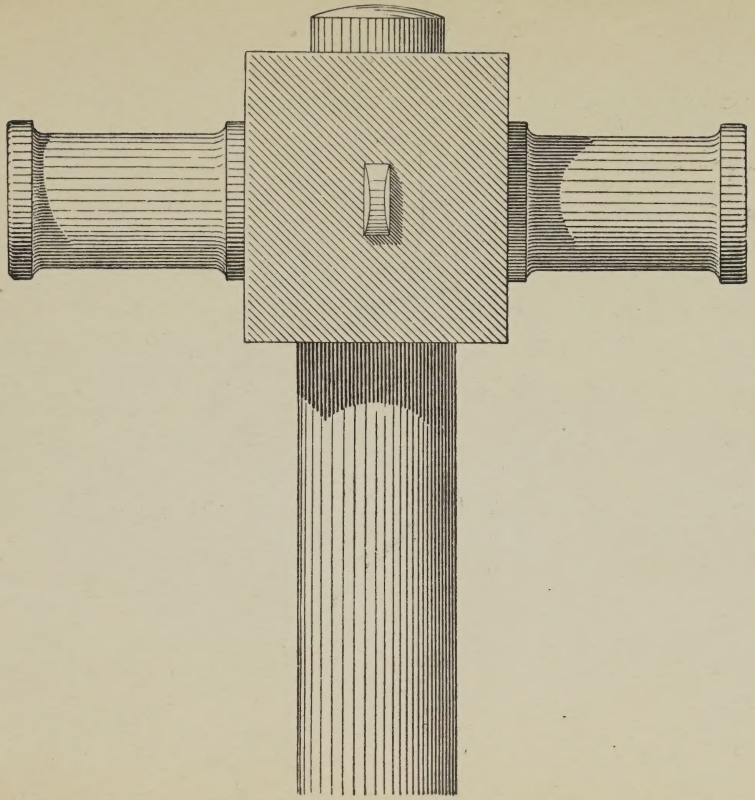

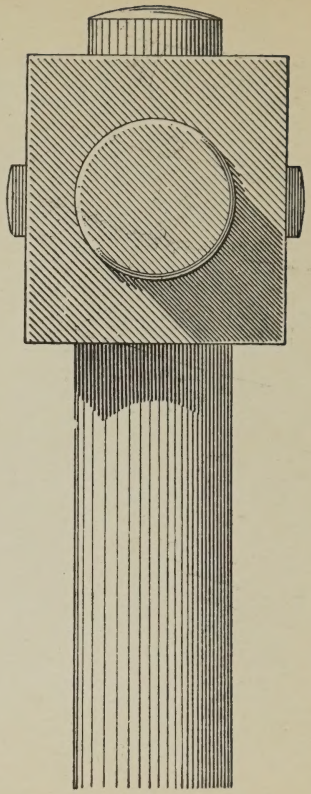

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